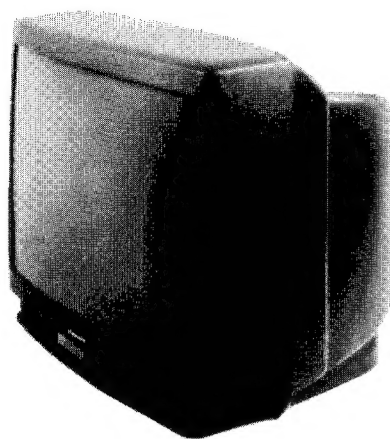


# Service Manual



## Colour Television

## E2100 Chassis

### SPECIFICATIONS

**Power Source :** 220V - 240V AC, 50Hz  
**Power Consumption :** 115W  
**Aerial Impedance :** 75Ω unbalanced, Coaxial Type  
**Receiving System :**  
**TX-29AD10C :-** PAL B/G SECAM B/G, D/K, NTSC Video.  
**TX-29AD10F :-** PAL B/G, D/K, I SECAM B/G, D/K, L NTSC Video NTSC M

### TECHNISCHE DATEN

**Netzspannung :** 220V - 240V AC, 50Hz  
**Leistungsaufnahme :** 115W  
**Antennenimpedanz :** 75Ω asymmetrisch, Koaxial- Typ  
**Empfangssystem :**  
**TX-29AD10C :-** PAL B/G SECAM B/G, D/K, NTSC Video.  
**TX-29AD10F :-** PAL B/G, D/K, I SECAM B/G, D/K, L NTSC Video NTSC M

Receiving Signal Empfangssignal	Channel Kanal	Receiving Channels Empfangskanäle	Receiving Signal Empfangssignal	Channel Kanal	Receiving Channels Empfangskanäle
PAL / SECAM B/G	02 - 12	VHF E2 - E12	SECAM D/K	01 - 12	VHF R1 - R12
	11 - 12	VHF H1 - H2 (Italy/Italien)		21 - 69	UHF E21 - E59
	13 - 20	VHF A - H (Italy/Italien)		CC01 - CC39	VHF S1 - S39
	21 - 69	UHF E21 - E69		CC40 - CC41	UHF S40 - S41
	74 - 78 (CC42 - CC46)	VHF U1 - U5		CC42 - CC46	VHF U1 - U5
	80 - 99 (CC01 - CC20)	VHF S1 - S20	SECAM L(TX-29AD10F)	01 - 11	VHF A - LUX
	CC21 - CC39	VHF S21 - S39		CC01 - CC16	VHF B - Q
PAL I (TX-29AD10F)	CC40 - CC41	UHF S40 - S41		CC45 - 50/CC51 - 70	VHF U1 - U6 S1 - S20
	01 - 09	VHF A - I			

#### Intermediate Frequency :

Video: 38.9 MHz Sound: Sound 1 = 33.4MHz (32.4 MHz receiving system D/K)  
 Sound 2 = 33.16MHz, Colour: 34.47MHz (PAL) 34.5MHz / 34.65MHz (SECAM)

#### Video / Audio

##### Terminals :

AV1 IN	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500mV rms	10kΩ
	RGB (21 pin)		
AV1 OUT	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	1kΩ
	RGB (21 pin)		
AV2 IN	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	10kΩ
	S-Video IN	Y : 1 Vp-p	75Ω
AV2 OUT	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	1kΩ
	Audio (RCA x 2)	500mV rms	1KΩ
AV3 IN	S-Video IN	Y: 1 Vp-p	75Ω
	(4-pin)	C: 0.3 Vp-p	75Ω
	Audio (RCA x 2)	500 mV rms	10kΩ
AV4 IN	S-Video IN	Y: 1 Vp-p	75Ω
	(4-pin)	C: 0.3 Vp-p	75Ω
	Audio (RCA x 2)	500 mV rms	10kΩ
	Video (RCA x 1)	1 Vp-p	75Ω

#### High Voltage :

30.5Kv (± 0.7 KV at zero beam current)

#### Picture Tube :

A68ESF002X43 72cm SUPER FLAT FST 110°

#### Visible screen size:

66 cm

#### Audio Output :

Internal Speaker 2 x 15W (Music Power)

External Speaker 2 x 20W (Music Power)

4-8 Ω Impedance

Speakers 2 x 4 x 7 cm oval

2 x 9 cm round

Headphones 1 x 8Ω Impedance

Accessories supplied : Remote Control

R6 (UM3) Battery

#### Dimensions :

Height: 558mm

Width: 668mm

Depth: 503mm

#### Net Weight

41.5kg

#### Zwischenfrequenz :

Video: 38.9 MHz Ton: Ton 1 = 33.4MHz (32.4 MHz Empfangssystem D/K)  
 Ton 2 = 33.16MHz, Farber: 34.47MHz (PAL) 34.5MHz / 34.65MHz (SECAM)

#### Video / Audio

##### Anschlüsse :

AV1 EINGANG	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500mV rms	10kΩ
	RGB (21 pin)		
AV1 AUSGANG	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	1kΩ
	RGB (21 pin)		
AV2 EINGANG	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	10kΩ
	S-Video IN	Y : 1 Vp-p	75Ω
AV2 AUSGANG	Video (21 pin)	1 Vp-p	75Ω
	Audio (21 pin)	500 mV rms	1kΩ
	Audio (RCA x 2)	500mV rms	1KΩ
AV3 EINGANG	S-Video IN	Y: 1 Vp-p	75Ω
	(4-pin)	C: 0.3 Vp-p	75Ω
	Audio (RCA x 2)	500 mV rms	10kΩ
AV4 EINGANG	S-Video IN	Y: 1 Vp-p	75Ω
	(4-pin)	C: 0.3 Vp-p	75Ω
	Audio (RCA x 2)	500 mV rms	10kΩ
	Video (RCA x 1)	1 Vp-p	75Ω

#### Hochspannung :

30.5Kv (± 0.7 KV bei Nullstrahlstrom)

#### Bildrohre :

A68ESF002X43 72cm SUPER FLAT 110°

#### Visuelle Diagonale :

66 cm

#### Ton Ausgangsleistung :

Interne Lautsprecher 2 x 15W (Musikleistung)

Externe Lautsprecher 2 x 20W (Musikleistung)

4-8 Ω Impedance

Lautsprecher 2 x 4 x 7 cm oval

2 x 9 cm rund

Kopfhörer 1 x 8Ω Impedanz

Mittel. Zubehör

Fernbedienung  
R6 (UM3) Batterien

#### Abmessungen :

Höhe: 558mm

Breite: 668mm

Tiefe: 503mm

#### Gewicht :

41.5kg

Specifications are subject to change without notice.  
Weight and dimensions shown are approximate.

Änderungen der technischen Daten vorbehalten.  
Gewichte und Abmessungen sind Näherungsangaben.

# Panasonic

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### Safety Precautions

#### General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
5. Potentials as high as 31.0 kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

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### Sicherheitsvorkehrungen

#### Allgemeine Richtlinien

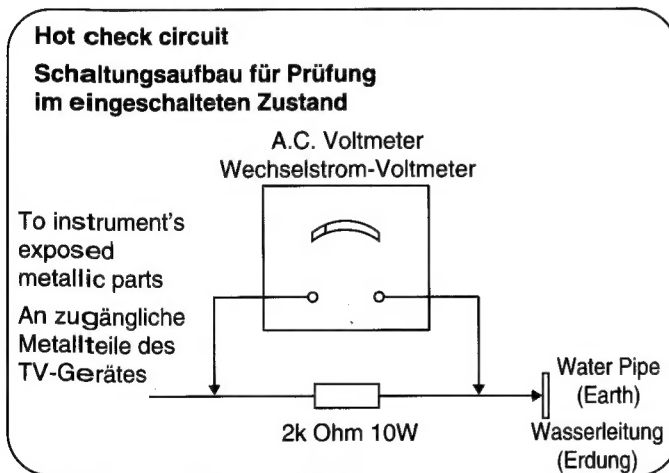
1. Es ist empfehlenswert einen Trenntransformator in die Stromversorgung zu schalten, bevor Reparaturen an einem Gerät vorgenommen werden, dessen Chassis unter Spannung steht.
2. Bei der Durchführung von Servicearbeiten dürfen die ursprünglichen Kabelanschlüsse nicht vertauscht werden. Dies gilt insbesondere für die Anschlüsse im Hochspannungsteil. Hat sich ein Kurzschluß ereignet, dann sind alle Teile, an denen Spuren von Überhitzung sichtbar sind, auszuwechseln.
3. Nach Beenden der Servicearbeiten ist sicher zu stellen, daß alle Sicherheitsvorrichtungen, wie Isolationsstreifen, Isolationspapiere, Abschirmungen und Isolations R-C Gitter wieder richtig eingesetzt sind.
4. Wenn der Fernseher während längerer Zeit nicht in Betrieb gesetzt wird, sollte der Netzstecker aus der Netzsteckdose gezogen werden.
5. Im Betrieb sind Spannungen bis zu 31,0 kV in diesem Gerät vorhanden. Die Inbetriebnahme des Fernsehers ohne aufgesetzte Rückwand bringt die Gefahr eines elektrischen Schlages der Fernsehstromversorgung mit sich. Servicearbeiten sollten daher auch nicht von Personen durchgeführt werden, die nicht in vollem Umfang mit den Sicherheitsvorkehrungen beim Umgang mit Hochspannungsgeräten vertraut sind. Vor der Handhabung mit der Bildröhre ist die Anode der Bildröhre immer an dem Empfängerchassis zu entladen.
6. Nach Beenden der Servicearbeiten sind die folgenden Kriechstrom-Prüfungen durchzuführen, um den Kurzschluß vor der Gefahr eines elektrischen Schlages zu schützen.

## Leakage current cold check

1. Unplug the AC cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4 M $\Omega$  and 20 M $\Omega$ . When the exposed metal does not have a return path to the chassis the reading must be infinite.

## Leakage current hot check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2 k $\Omega$  10 W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed Metallic part and check the voltage at each point.
5. Reverse the AC plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1,4 Vrms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.



## X-Radiation warning

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service ensure that the jig is capable of handling 31.0 kV without causing X-Radiation.

**NOTE:** It is important to use an accurate periodically calibrated high voltage meter

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate 30.5 kV  $\pm$  0,7 kV if the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

## Messung des Isolationswiderstandes im abgeschalteten Zustand

1. Den Netzstecker aus der Netzsteckdose ziehen und die beiden Steckerstifte kurzschließen.
2. Den Geräteschalter des Fernsehgerätes einschalten.
3. Mit einem Ohmmeter den Widerstandswert zwischen dem überbrückten Netzkabelstecker und jedem zugänglichen Metallteil am Gehäuse des Fernsehgerätes, wie Schraubenköpfe, Antennen, Achsen der Regler, Griffassungen usw. messen. Wenn ein zugängliches Metallteil eine Rückleitung zum Chassis hat, sollte die Anzeige zwischen 4 M $\Omega$  und 20 M $\Omega$  betragen. Wenn ein zugängliches Metallteil keine Rückleitung zum Chassis hat, muß die Anzeige unendlich betragen.

## Messung des Kriechstromes im eingeschalteten Zustand

1. Den Netzstecker direkt in eine Netzsteckdose stecken. Für diese Messung keinen Trenntransformator verwenden.
2. Einen 2 k $\Omega$  10 W-Widerstand in Serie mit einem von außen zugänglichen Metallteil am Fernsehgerät und einer guten, Erdung z.B. Wasserleitung, anschließen.
3. Ein Wechselstrom-Voltmeter mit einem Eingangswiderstand von 1000  $\Omega$ /Volt oder größer verwenden, um die Spannung über dem Widerstand zu messen.
4. Jedes zugängliche Metallteil prüfen, und an jedem Punkt die Spannung messen.
5. Den Netzstecker umgekehrt in die Steckdose stecken und jede der obigen Messungen wiederholen.
6. Die Spannung darf an keinem der Punkte 1,4 Veff. überschreiten. Wird dieser Wert nicht eingehalten, besteht die Gefahr eines elektrischen Schlages, und das Fernsehgerät sollte daher repariert und nachgeprüft werden, bevor es an den Kunden zurückgegeben wird.

## Röntgenstrahlung

### Achtung:

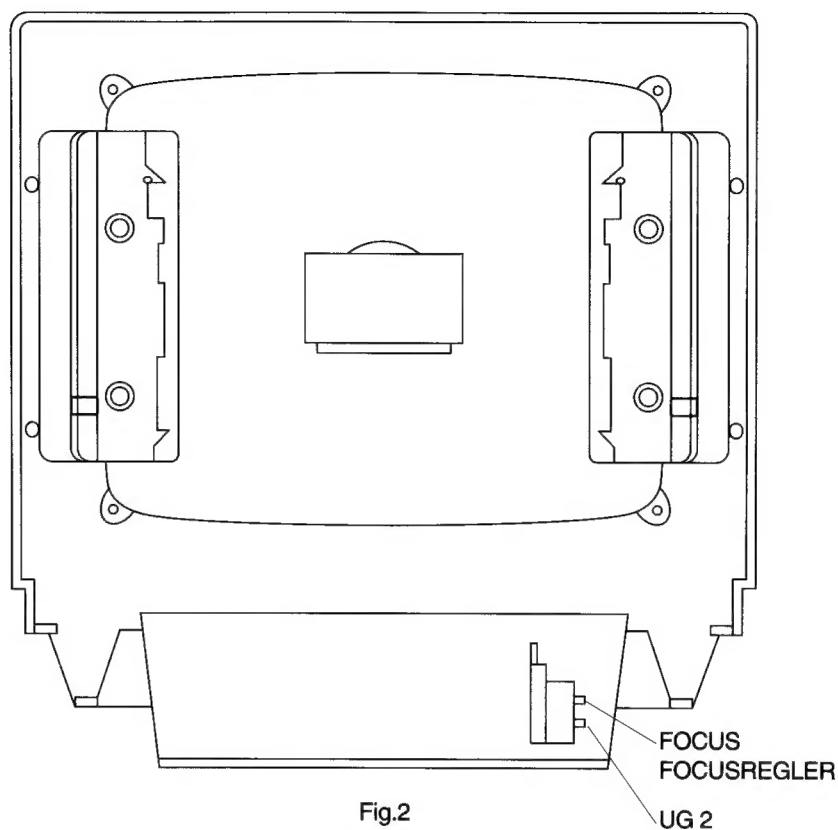
1. Potentielle Quellen von Röntgenstrahlung in Fernsehgeräten sind das Hochspannungsteil und die Bildröhre.
2. Bei Verwendung eines Bildröhren-Prüfgerätes für den Service ist sicherzustellen, daß es für die Belastung von 31,0 kV geeignet ist, ohne daß eine Röntgenstrahlung verursacht wird.

**Anmerkung:** Es ist wichtig, daß ein präzises, regelmäßig geprüftes Voltmeter verwendet wird.

1. Helligkeit auf Minimum stellen.
2. Die Hochspannung messen. Die Anzeige des Instrumentes sollte, 30,5 kV  $\pm$  0,7 kV betragen. Falls die Anzeige diese Toleranzgrenzen überschreitet, ist die sofortige Behebung nötig, um die Möglichkeit vorzeitigen Komponentenausfalls zu verhüten.
3. Um die Möglichkeit von Röntgenstrahlung zu begrenzen, ist es wichtig, daß nur die vorgeschriebene Bildröhre verwendet wird.

## Location of controls

## Lage der Einstellregler



## Service hints

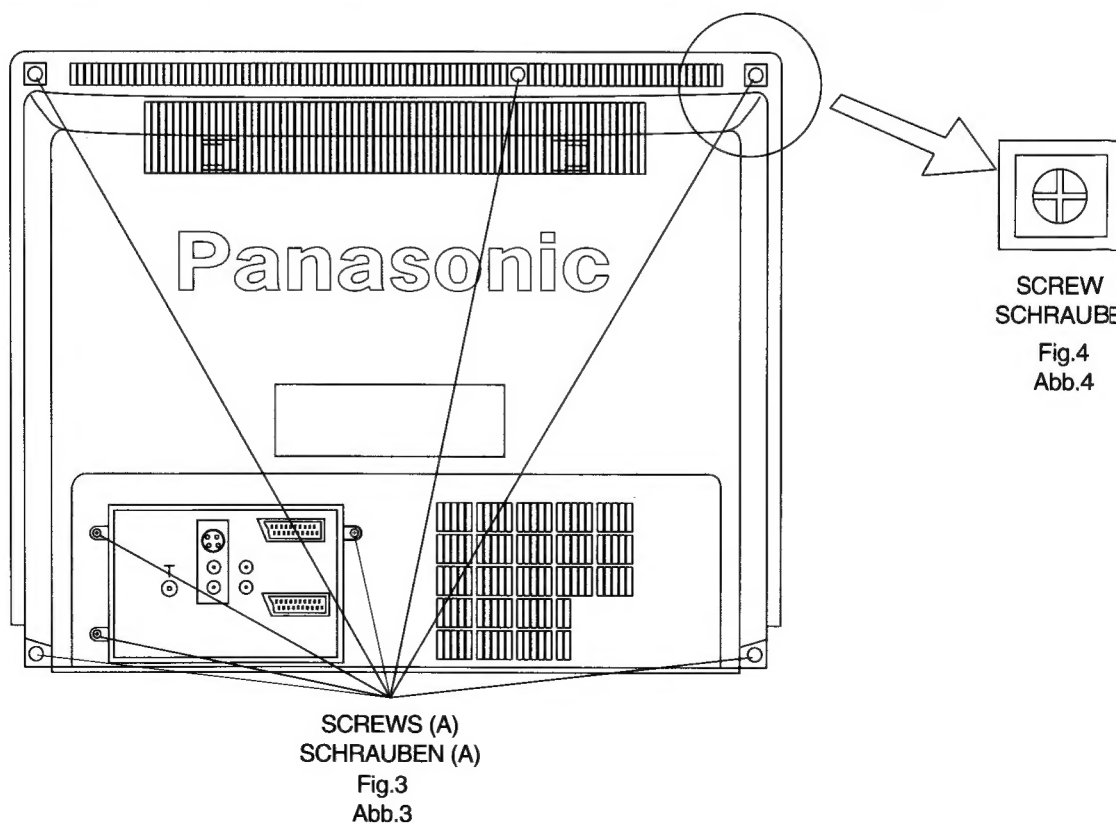
### How to remove the rear cover

1. Remove the 8 screws (A) as shown in Fig.3/Fig.4.

## Service Hinweise

### Entfernen der Geräterückwand

1. Die 8 Schrauben (A) entfernen, siehe Abb.3/Abb.4.



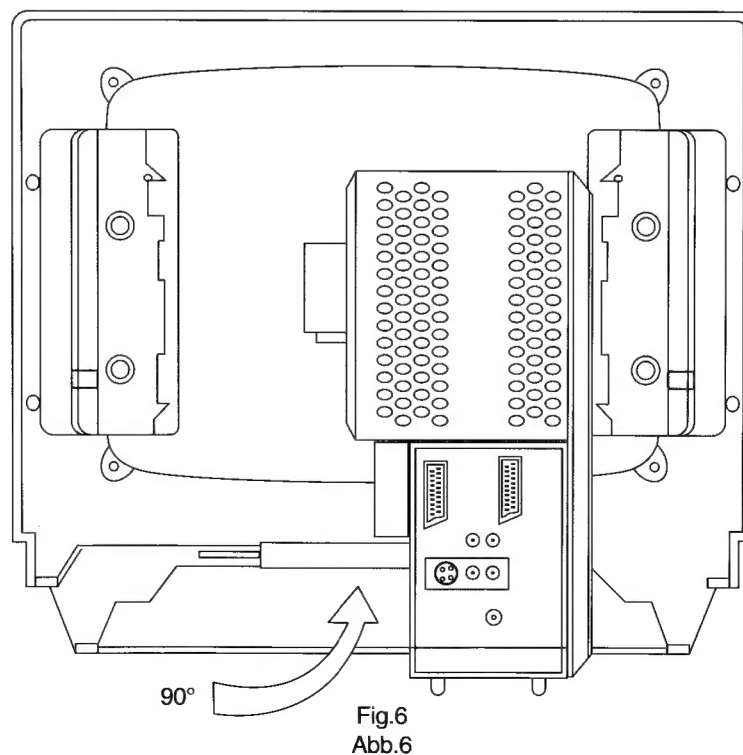
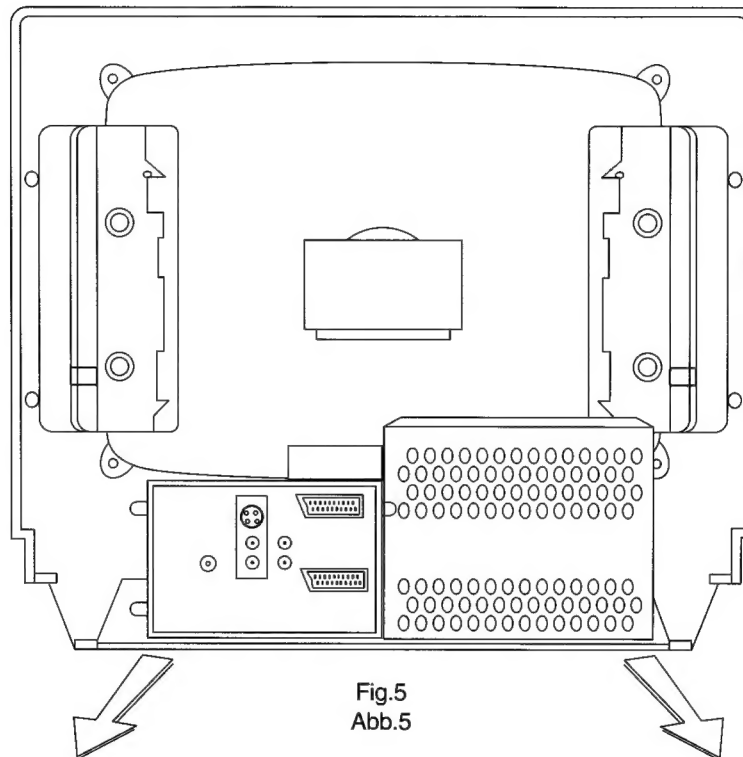


## How to move the chassis into the service position

1. Hold and lift the rear of the chassis as shown in Fig.5. and gently pull the chassis toward you.
2. Undo the cable fixtures. Turn the chassis through 90° anti-clockwise and place the chassis as shown in Fig.6 behind the set.
4. After servicing ensure all wiring is returned to its original position and fixed.

## Gerätechassis in Reparaturstellung bringen

1. Das Chassis wie in Abb.5 gezeigt hinten leicht anheben und vorsichtig nach hinten aus dem Gerät herausziehen.
2. Lösen Sie die Kabelfixierungen. Drehen Sie jetzt das Chassis um 90° entgegen dem Uhrzeiger und stellen Sie das Chassis wie in Abb. 6 gezeigt hinter dem Gerät ab.
3. Nach erfolgter Reparatur/Einstellung müssen die Leitungen wieder in ihre ursprüngliche Lage gebracht und fixiert werden.

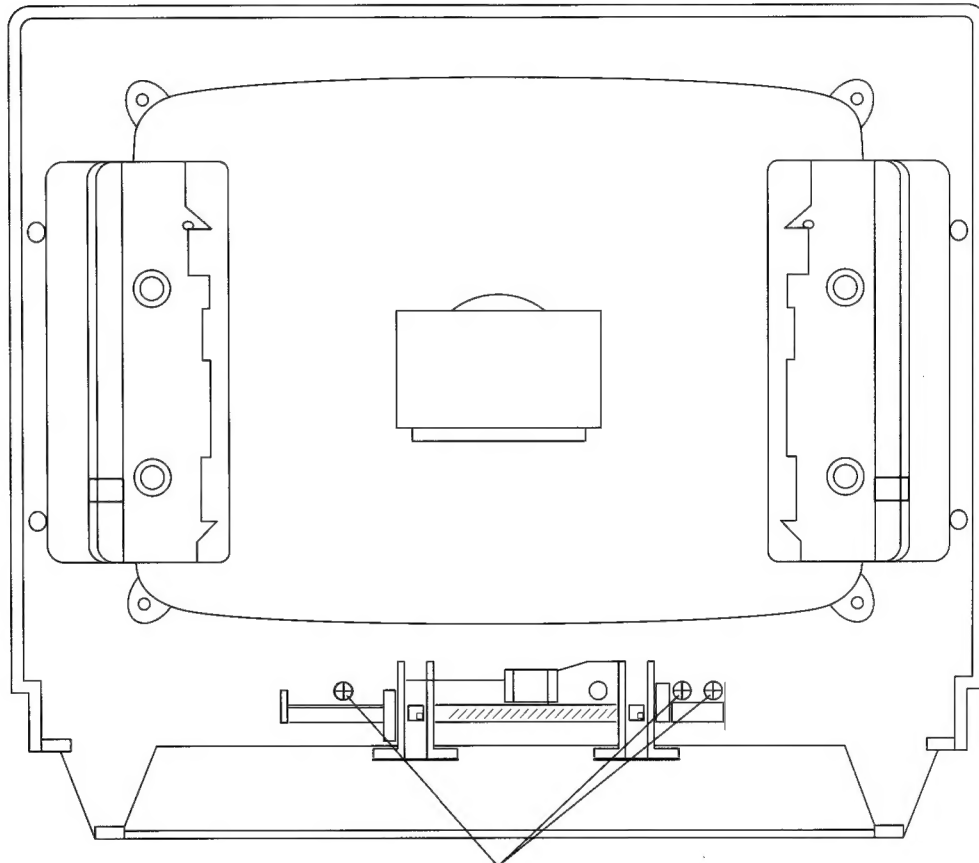


## How to move the control panel, L and P PCB boards

1. Place the chassis into the service position as shown on page 5.
2. Remove the three screws (E) (Fig.7) from the front of the chassis.
3. Lift the two plastic clips (F) (Fig.8) and pull the chassis horizontally outwards, making sure no leads are stressed.
4. After servicing ensure all wiring is returned to its original position and fixed.

## Aus- und Einbauen des Bedienfeldes sowie der Leiterplatten L und P

1. Das Chassis wie auf Seite 5 gezeigt in Reparaturstellung bringen.
2. Die drei Schrauben E (Abb.7) vorne am Gerätechassis entfernen.
3. Die beiden Plastikclips F (Abb.8) hochdrücken und das Chassis nach vorne herausziehen; darauf achten, daß die Kabel keiner Zugbelastung ausgesetzt werden.
4. Nach erfolgter Reparatur/Einstellung müssen sämtliche Kabel wieder in ihre ursprüngliche Lage gebracht und fixiert werden.



SCREWS E  
SCHRAUBEN E

Fig.7  
Abb.7

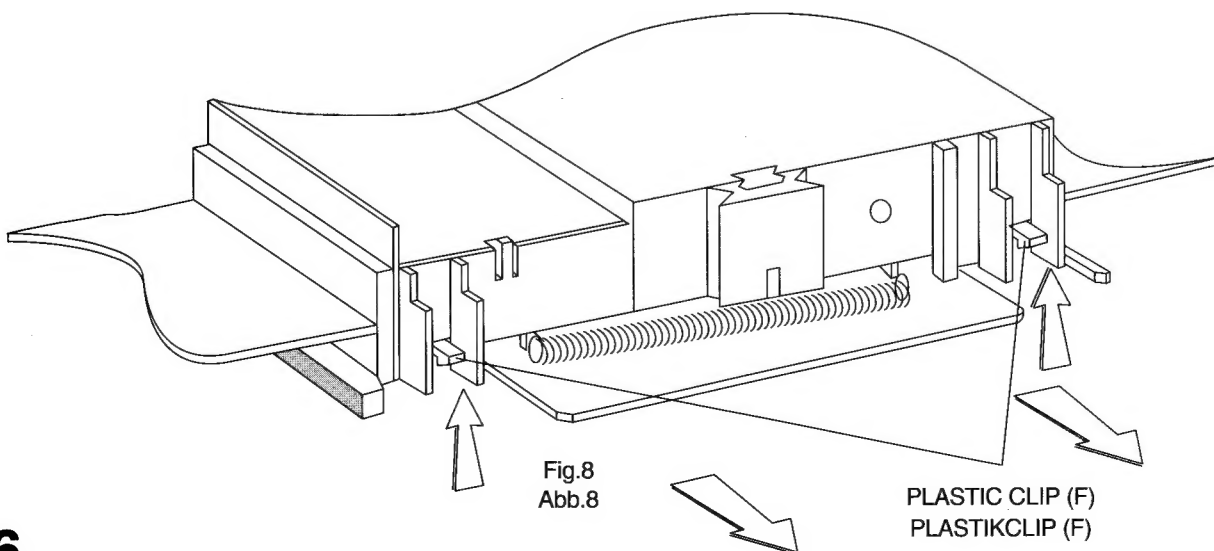


Fig.8  
Abb.8

PLASTIC CLIP (F)  
PLASTIKCLIP (F)

## Service position for the A-Board

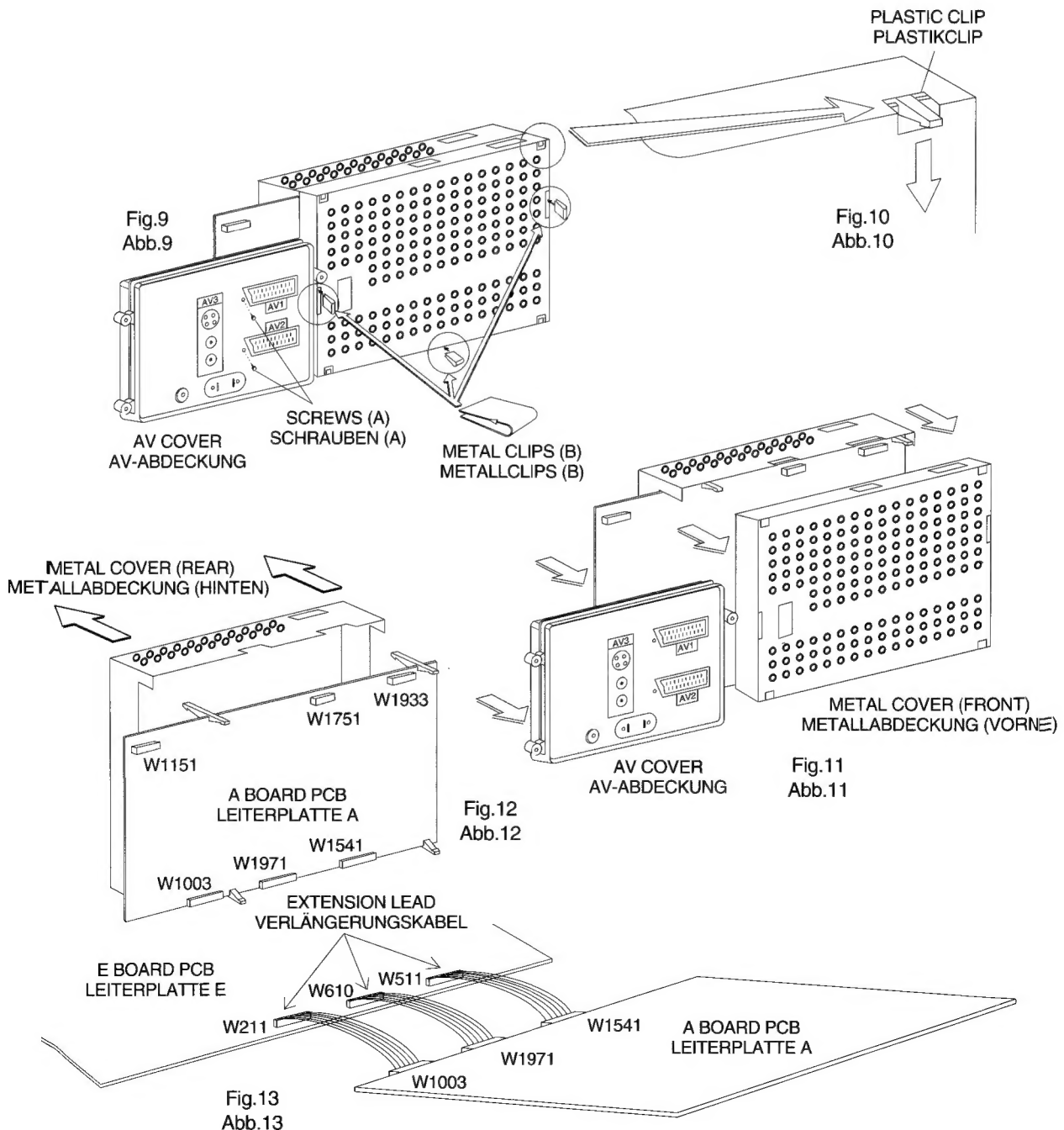
1. Remove the A-board from the main chassis (E-board), ensuring all leads are disconnected.
2. Remove the two screws (A) (Fig.9) from the plastic AV cover and unclip the AV cover from the A-board.
3. Remove the three metal clips (B) (Fig.9) from the metal cover.
4. Unclip the plastic clips at each corner of the front metal cover (Fig.11) and remove from the A-board (Fig.11). Do the same for the rear metal cover Fig (12).
5. Fit the 3 extension leads to the A-board making sure that the A-board does not touch the E-board (Fig.13).
6. After servicing ensure all wiring is returned to its original position and fixed.

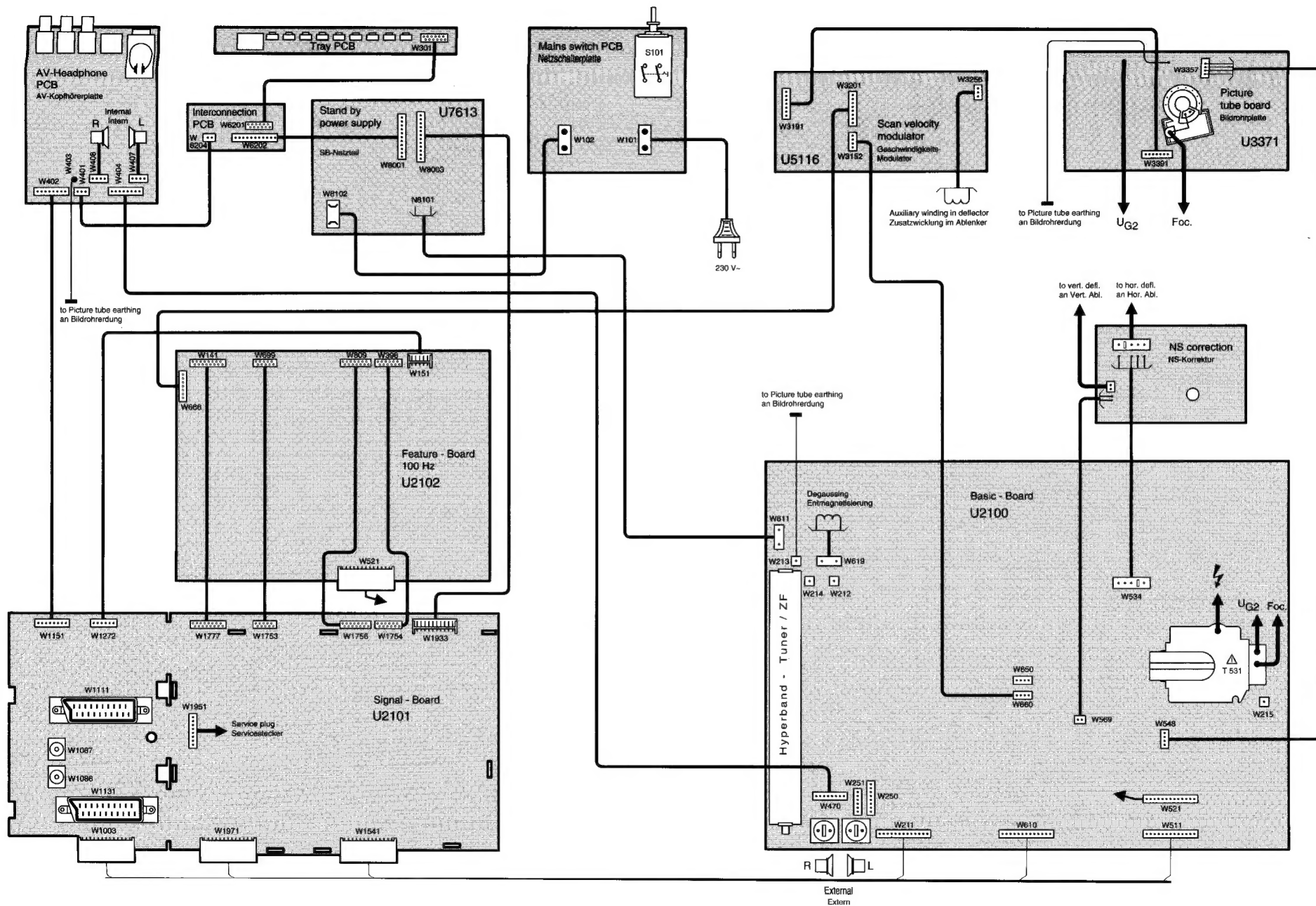
**Note:** The extension lead wire kit is supplied as a service kit. (Part number TZS2EK025).

## Reparaturstellung für Leiterplatte A

1. Die Leiterplatte A vom Hauptchassis (Leiterplatte E) abnehmen; vorher müssen alle Anschlußkabel abgezogen werden.
2. Die beiden Schrauben A (Abb.9) aus der AV-Abdeckung aus Kunststoff herausrauben und die AV-Abdeckung durch Ausclipsen von der Leiterplatte A abnehmen.
3. Die drei Metallclips B (Abb.9) von der Metallabdeckung entfernen.
4. Die Plastikclips an den Ecken der vorderen Metallabdeckung (Abb.10) ausclipsen und die Metallabdeckung von der Leiterplatte A abnehmen (Abb.11). Den gleichen Vorgang bei der hinteren Metallabdeckung wiederholen (Abb.12).
5. Die drei Verlängerungskabel an die Leiterplatte A anschließen; darauf achten, daß die Leiterplatte A die Platine E nicht berührt (Abb.13).
6. Nach erfolgter Reparatur/Einstellung müssen sämtliche Kabel wieder in ihre ursprüngliche Lage gebracht und fixiert werden.

**Hinweis:** Die Verlängerungskabel werden als Reparatur-Teilesatz unter der Bestell-Nr TZS2EK025 geliefert.

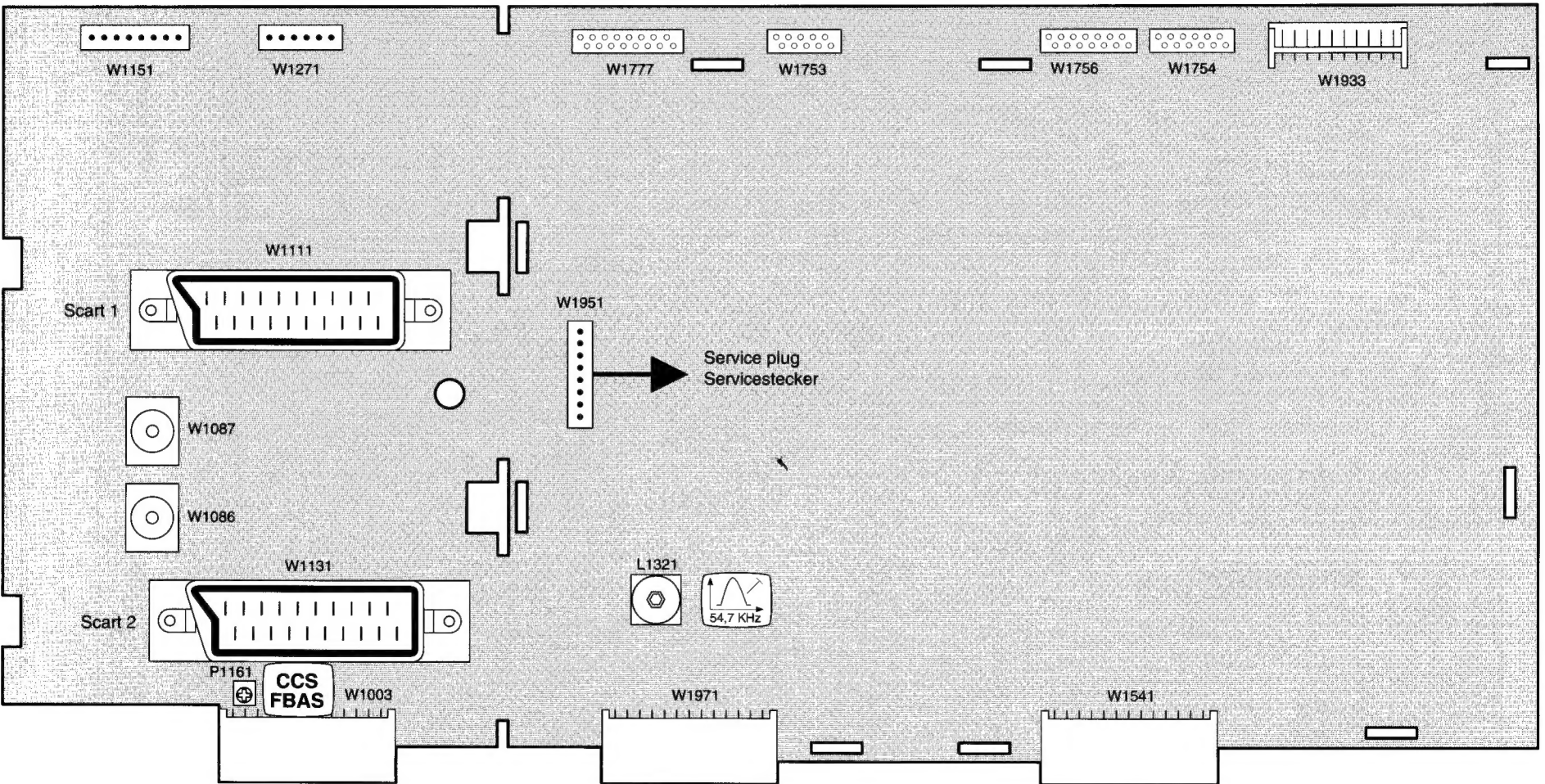




Wiring diagram • Verdrahtungsplan

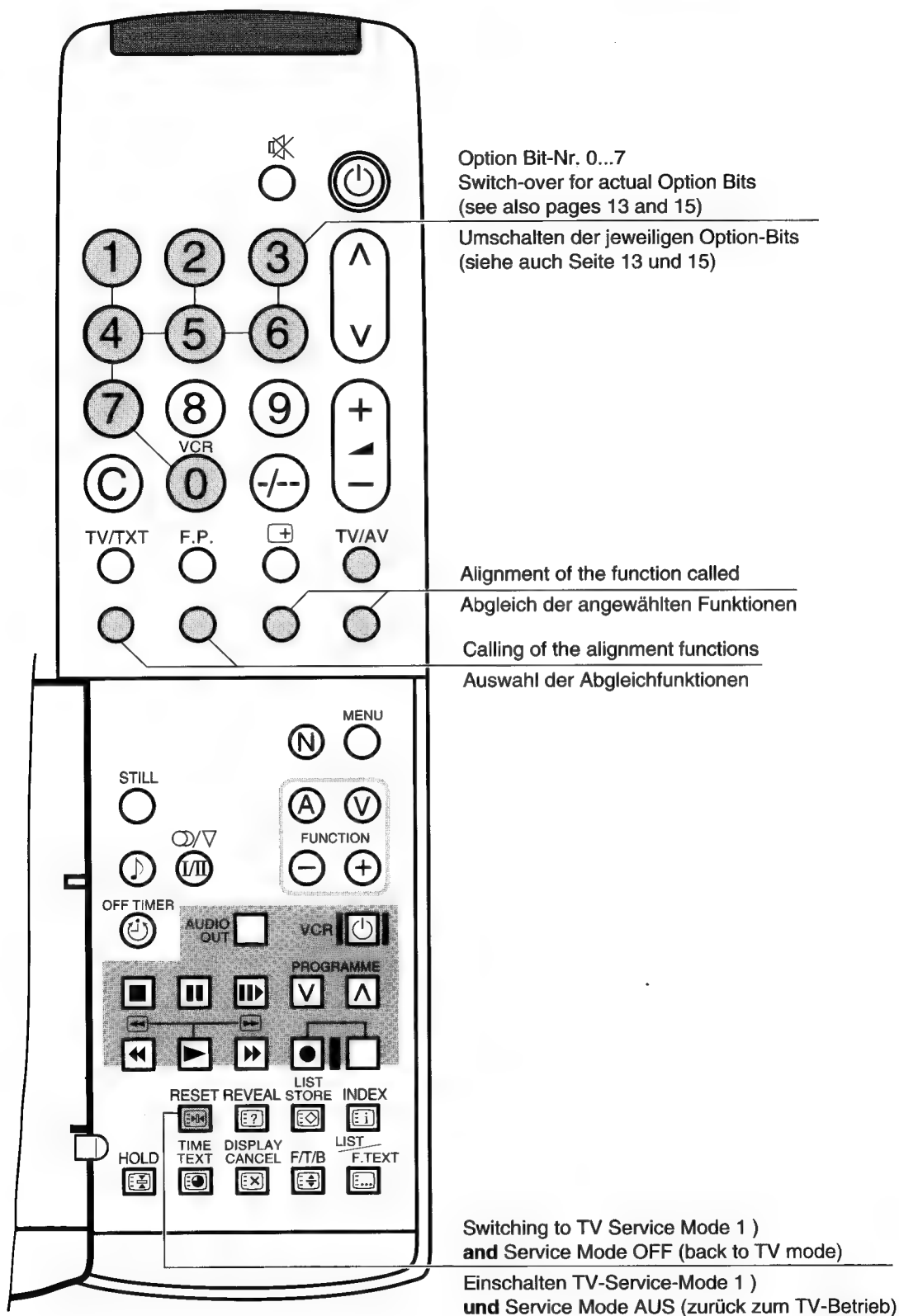








## Arrangement of the SERVICE-mode commands on the remote control Anordnung der SERVICE-Mode-Befehle auf der Fernbedienung



- 1 ) Set bass to maximum and treble to minimum.  
Upon simultaneous pressing of the key Volume "—" on the local control and the key "Reset" on the remote control.
- 1 ) Bässe auf Maximum, Höhen auf Minimum einstellen.  
Bei gleichzeitiger Betätigung der Taste Lautstärke "—" auf der Ortsbedienung und der Taste "Reset" auf der Fernbedienung.

## Adjustment procedure • Abgleich-Anweisung

Service-Mode E2100

Vx.xx

24.8.94

### 1. Function

Service mode permits the calibration of variable EAROM values and allows the set to be programmed via the EAROM programmer interface (via Scart 2) using the "EAROM programmer". Using the programmer, a service engineer can carry out a normal standard set programming for „his“ district (channel numbers, programme names and analog values, e.g. in areas with cable net- works) with a few seconds with no effort and no mistakes. Order the "EAROM Programmer" via Your Panasonic Service Department, P/N TZS2EK002. It is the same model of "programmer" used for EURO-1 type chassis.

Detailed operating instructions are supplied with this useful service aid.

### 2. Entering Service Mode

Please proceed as follows:

- Set bass to maximum and treble to minimum.
- Upon simultaneous pressing of the key Volume "—" on the local control and the key "Reset" on the remote control (see also page 11).

Hint: Entering Service Mode could be done by using the "Service Remote Control" of EURO-1 type chassis, P/N TZS2EK004.

The set is now in the service mode basic routine "Actions with the EAROM programmer" and documents this with the following on-screen display (here shown in a frame!):

PANASONIC.	E 2 1 0 0	V x . x	xx/xx/xx	X x x x x x
(producer (Hersteller	chassis Chassis	software Software	Date Datum	EAROM identification EAROM-Kennung
<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>SERVICE 1</b>  <b>Program</b>  <b>Ext &gt;&gt; TV</b> </div>				

(Set expects external programming via the EAROM programmer)  
(Gerät erwartet externe Programmierung durch den EAROM-Programmer)

### 3. Operation within Service Mode

- Select functions: Red and Green key on the remote control
- Change value: Yellow and Blue key on the remote control (not for option bytes)  
With number keys "0-7" (only for option bytes)  
With the "STR" key at the control panel of the TV set
- Store value: With the "STR" key at the control panel of the TV set
- Exit from Service mode: With the "RESET" key

### 3. Bedienung innerhalb des Service-Mode

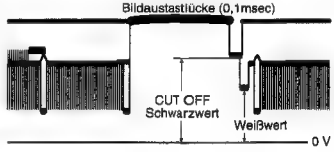
- Funktion wählen: Rote und Grüne Taste auf der Fernbedienung
- Wert verändern: Gelbe und Blaue Taste auf der Fernbedienung (nicht bei Option-Byte)  
Mit den Ziffern-Tasten "0-7" (nur bei OptionByte)
- Wert speichern: Mit der "STR" -Taste am Bedienteil des TV-Gerätes
- Service-Mode verlassen: Mit der "RESET" -Taste

### 4. Alignment function




### 4. Abgleichfunktionen

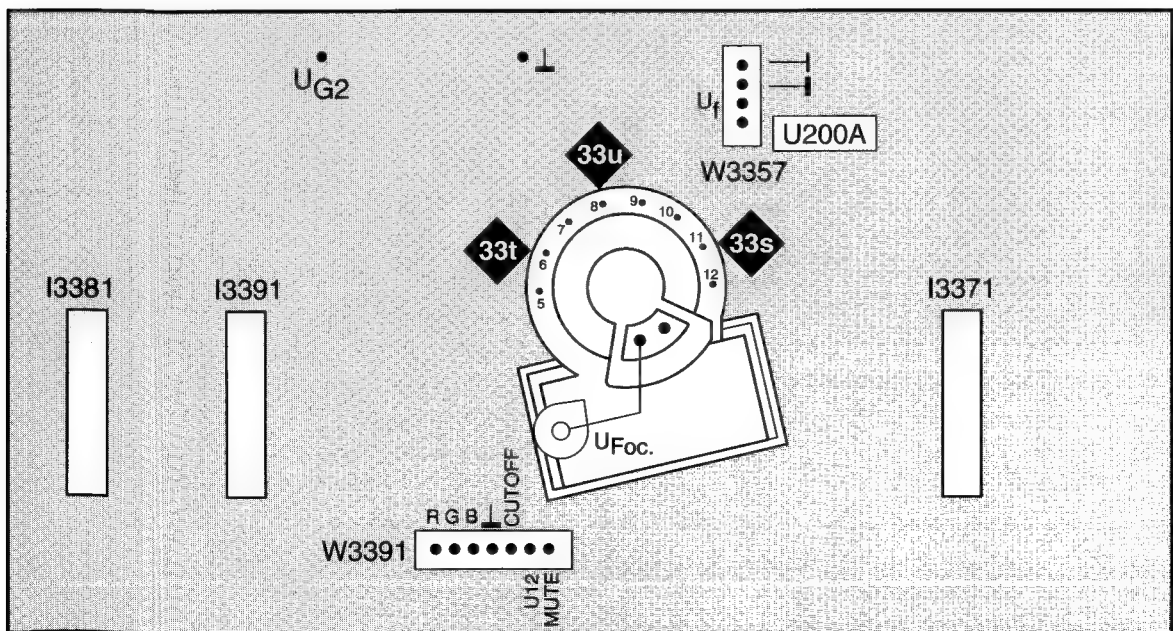
Alignment function Abgleichfunktion	e. g. display picture tube z. B. Anzeige Bildröhre	Settings / special features Einstellwerte / Besonderheiten
0 EAROM-Programmer EAROM-Programmer	SERVICE 1 Program Ext >> TV	Load/store program data Programmdaten laden/speichern
1 vertical amplitude vertikal Amplitude	SERVICE 1 V-Amp xxx	Optimum setting Optimale Einstellung
2 vertical slope vertikal Steilheit	SERVICE 1 V-Slope xxx	
3 vertical position vertikal Lage	SERVICE 1 V-Wait xxx	
4 vertical symmetry vertikal Symmetrie	SERVICE 1 V-Sym xxx	
5 vertical linearity vertikal Linearität	SERVICE 1 V-Lin xxx	Optimum setting Optimale Einstellung
6 horizontal amplitude horizontal Amplitude	SERVICE 1 H-Amp xxx	
7 horizontal position horizontal Lage	SERVICE 1 H-Pos xxx	
8 horizontal position TT horizontal Lage VT	SERVICE 1 Text Pos xxx	

## Adjustment procedure • Abgleich-Anweisung

Alignment function Abgleichfunktion	e. g. display picture tube z. B. Anzeige Bildröhre	Settings / special features Einstellwerte / Besonderheiten
9 EW amplitude 1 OW-Amplitude 1	SERVICE 1 EW-Amp 1 xxx	Optimum setting / Reciprocal Optimale Einstellung / Wechselseitig
10 EW amplitude 2 OW-Amplitude 2	SERVICE 1 EW-Amp 2 xxx	
11 trapezium comp. 1 Trapez-Korrektur 1	SERVICE 1 Trapez 1 xxx	Optimum setting Optimale Einstellung
12 Y delay Y-Verzögerung	SERVICE 1 Y - Delay xxx	
13 sub-carrier osc. Farbhilfsträger Osz.	SERVICE 1 Colour VCO xxx	adjust zero beat Schwebungsnull einstellen
14a cutoff measuring pulse Cutoff-Meßimpuls	SERVICE 1 Cutoff R G B xxx xxx xxx  Before adjustment, please set all three levels to position "25" At colour output..... Vor dem Abgleich, alle drei Anzeigen auf den Wert "25" einstellen. An den Farbendstufen.....	At colour output stage test (MP 33s, 33t, 33u) with the highest of the displayed tension. Use UG2 potentiometer to adjust: CUT OFF = $147,5 \pm 2,5$ Vp-p An den Farbendstufen messen (MP 33s, 33t, 33u), welche die höchste Spannung zeigt. Mit UG2 Potentiometer einstellen: CUT OFF = $147,5 \pm 2,5$ Vss 
14b cutoff reference value Cutoff Referenzwert	SERVICE 1 Cutoff R G B xxx xxx xxx	In the grey area rise the lacking two colours until black becomes standard, then store these values. In der Graufäche die beiden fehlenden Farben soweit erhöhen bis Normschwarz erscheint, anschließend Werte abspeichern.
15 white level Weißwert	SERVICE 1 White R G B xxx xxx xxx	In the white area reduce the two dominant colours until white becomes standard, then store these values. In der Weißfläche die beiden dominierenden Farben soweit reduzieren bis Normweiß erscheint, anschließend Werte abspeichern.
16 Option Byte 1	SERVICE 1 Option 1 7 6 5 4 3 2 1 0 1 0 1 1 0 1 0	Caution! Here inputs and memorizing: a) in the event of necessary repairs b) if you wish to alter programs/norms For alignment method see Option Bytes table Achtung! Hier nur Eingaben machen und Speicherung vornehmen: a) im notwendigen Reparaturfall b) bei gewünschten Programm-/Normänderungen Abgleichart siehe Option Bytes Tabelle
17 Option Byte 2	SERVICE 1 Option 2 7 6 5 4 3 2 1 0 0 0 0 0 0 0 1	
18 Option Byte 3	SERVICE 1 Option 3 7 6 5 4 3 2 1 0 0 0 0 1 0 0 1	
19 Option Byte 4	SERVICE 1 Option 4 7 6 5 4 3 2 1 0 0 1 0 0 0 1 0 0	
20 stereo matrix Stereo-Matrix	SERVICE 1 Stereo Sep. xxx	
21 PIP horizontal position PIP horizontal Lage	SERVICE 1 Pip H-Pos xxx	Omitted! Not present in this type of set. Entfällt! Nicht in dieser Geräte-Ausführung vorhanden.
22 Encoder Y-Delay Encoder Y-Verzögerung	SERVICE 1 Encoder Y-Delay xxx	Omitted! Not present in this type of set. Entfällt! Nicht in dieser Geräte-Ausführung vorhanden.

Adjustment procedure • Abgleich-Anweisung

5.Instructions on Geometry Alignment			5. Hinweis zum Geometrieabgleich	
<p>The Data record for the picture geometry of each picture frequency and each picture format consists of the parameters:</p> <ul style="list-style-type: none"><li>- vertical amplitude</li><li>- vertical wait</li><li>- vertical symmetry</li><li>- vertical linearity</li><li>- horizontal amplitude</li><li>- horizontal position</li><li>- EW correction 1</li><li>- EW correction 2</li><li>- trapezium correction 1</li></ul> <p>This means that for each of the following combinations, a complete record of these geometry values is stored in the EAROM:</p> <ul style="list-style-type: none"><li>- 50Hz and 4:3 screen</li><li>- 50Hz and 16:9 (at 4:3 screen)</li><li>- 60Hz and 4:3 screen</li><li>- 60Hz and 16:9 (at 4:3 screen)</li></ul>			<p>Der Datensatz für die Bildgeometrie besteht für jede Bildfrequenz und jedes Bildformat aus den Parametern:</p> <ul style="list-style-type: none"><li>- Vertikal-Amplitude</li><li>- Vertikal-wait</li><li>- Vertikal-Symmetrie</li><li>- Vertikal-Linearität</li><li>- Horizontal-Amplitude</li><li>- Horizontal-Position</li><li>- Ost-West-Korrektur 1</li><li>- Ost-West-Korrektur 2</li><li>- Trapez-Korrektur 1</li></ul> <p>Das heißt, für jede der nachfolgenden Kombinationen ist ein kompletter Satz dieser Geometrie-Werte im EAROM abgespeichert:</p> <ul style="list-style-type: none"><li>- 50Hz und 4:3 Bildschirm</li><li>- 50Hz und 16:9 (auf 4:3 Bildschirm)</li><li>- 60Hz und 4:3 Bildschirm</li><li>- 60Hz und 16:9 (auf 4:3 Bildschirm)</li></ul>	
6.Alignment Functions outside Service Mode (= Analog Alignment Points) 6.Abgleichfunktionen außerhalb des Service-Mode (= Analoge Abgleichpunkte)				
Ajustment Abgleich	Signal Signal	test point Meßpunkt	Ajustments Einstellung	Settings Einstellwerte
operating voltage Betriebsspannung	test pattern Testbild	screen Bildschirm 	P 633 (Basic Board)	142 V ± 0,5 V pay attention to correct hor. amplitude auf richtige hor. Amplitude achten
Focus focus	test pattern Testbild	screen Bildschirm	focus at line transformer Focus am Zeilentrafo	Optimum setting Optimale Einstellung
pilot filter Pilotton-Filter	set 54,7 kHz signal over 47 kΩ to 13a 54,7kHz-Signal über 47kΩ an 13a einspeisen	 13a	L 1321 (Signal Board)	max. tension max. Spannung
video amplitude Video Amplitude	Colour test pattern Farbtestbild	 16a	P 1161 (Signal Board)	set amplitude to ± 1.85V (DC) Amplitude auf ± 1.85 Vss (DC) abgleichen



Layout diagram  
Lageplan

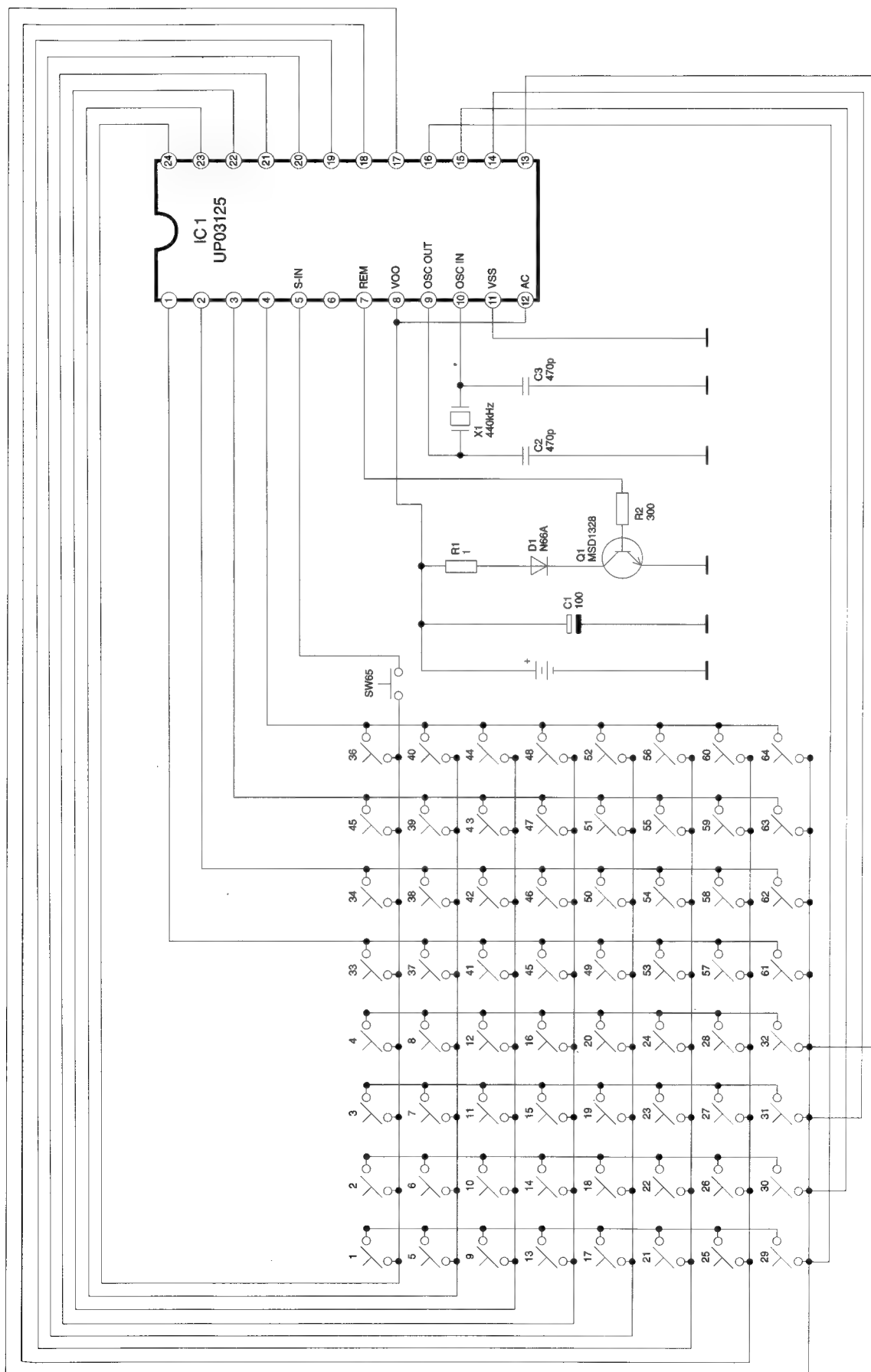
Picture tube board  
Bildrohrplatte

Solder side - Lötseite

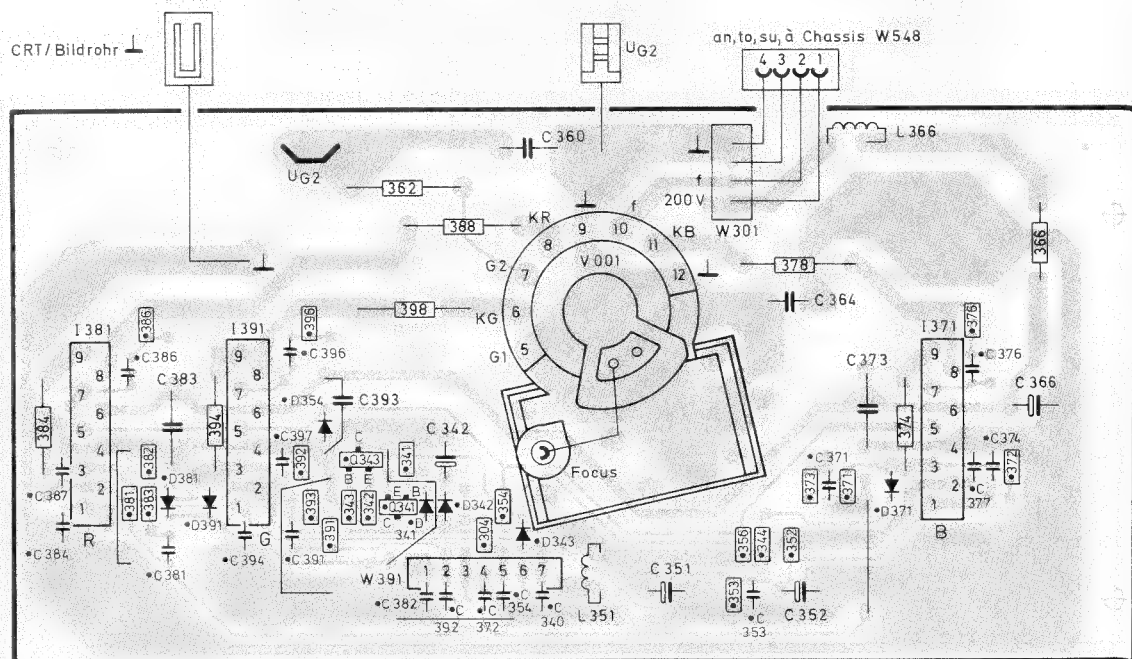
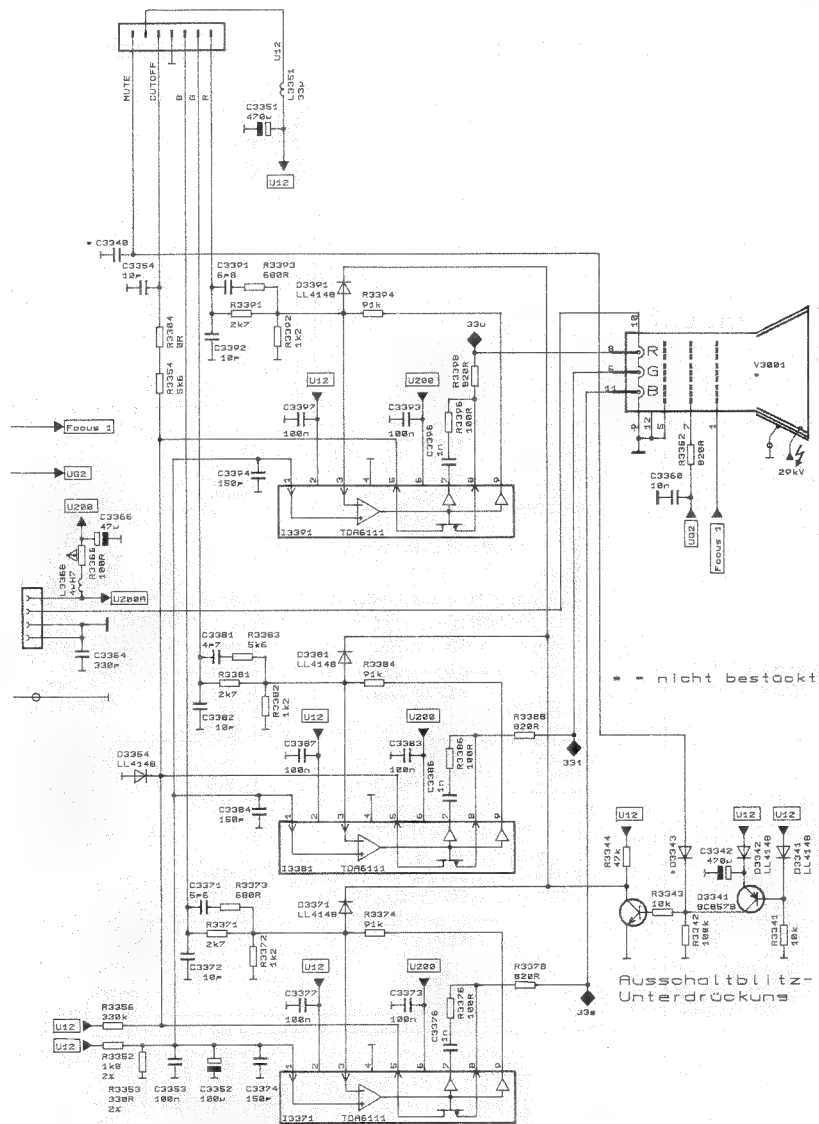
Option Byte Table – Option Byte Tabelle

Alignment function Abgleichfunktion	Bit. – n.	Meaning Bedeutung	"0"	"1"	Factory setting Einstellung ab Werk	
					TX29AD10C	TX29AD10F
Option Byte 1 Normon	0	SYSTEM I	blocked gesperrt	approved zugelassen	0	1
	1	SYSTEM D/K	blocked gesperrt	approved zugelassen	1	1
	2	SYSTEM L	blocked gesperrt	approved zugelassen	0	1
	3	SYSTEM B/G	blocked gesperrt	approved zugelassen	1	1
	4	NTSC 4.4	blocked gesperrt	approved zugelassen	1	1
	5	NTSC	blocked gesperrt	approved zugelassen	0	1
	6	SECAM	blocked gesperrt	approved zugelassen	1	1
	7	PAL	blocked gesperrt	approved zugelassen	1	1
Option Byte 2	0	Search 250KHz/step (manual) Suchlauf 250KHz/Schritt (manuell)	blocked gesperrt	approved zugelassen	1	1
	1	Search 250KHz/step (automatic) Suchlauf 250KHz/Schritt (autom.)	blocked gesperrt	approved zugelassen	0	0
	2	Search 750KHz/step Suchlauf 750KHz/Schritt	blocked gesperrt	approved zugelassen	0	0
	3	Blanking Dunkeltastung	on ein	off aus	0	0
	4	-----			0	0
	5	FM processing in MSP FM Verarbeitung im MSP	blocked gesperrt	approved zugelassen	0	0
	6	-----			0	0
	7	System M	blocked gesperrt	approved zugelassen	0	1
Option Byte 3	0	Window AFT Fenster AFT	locked gesperrt	unlocked zugelassen	1	1
	1	Picture format Bildschirmformat	4 : 3	16 : 9	0	0
	2	Automatic switchoff Abschaltautomatik	on ein	off aus	0	0
	3	Flof_Disable -----			0	0
	4	Contrast control "i-cathode" Kontrastregelung "i=Kathode"	no nein	yes ja	1	1
	5	Cutoff measurment Cutoff-Messung	on ein	off aus	0	0
	6	PIP freeze short Kurzzeitiger Stillstand	on ein	off aus	0	0
	7	Top_Disable -----			0	0
Option Byte 4	0	RGB – Version	blocked gesperrt	approved zugelassen	0	0
	1				0	0
	2	EC – Verson	blocked gesperrt	approved zugelassen	1	1
	3				0	0
	4	-----			0	0
	5	-----			0	0
	6	Reset detection Reset-Erkennung	blocked gesperrt	approved zugelassen	1	1
	7	-----			0	0

# Infrared remote control Infrarot Fernbedienung

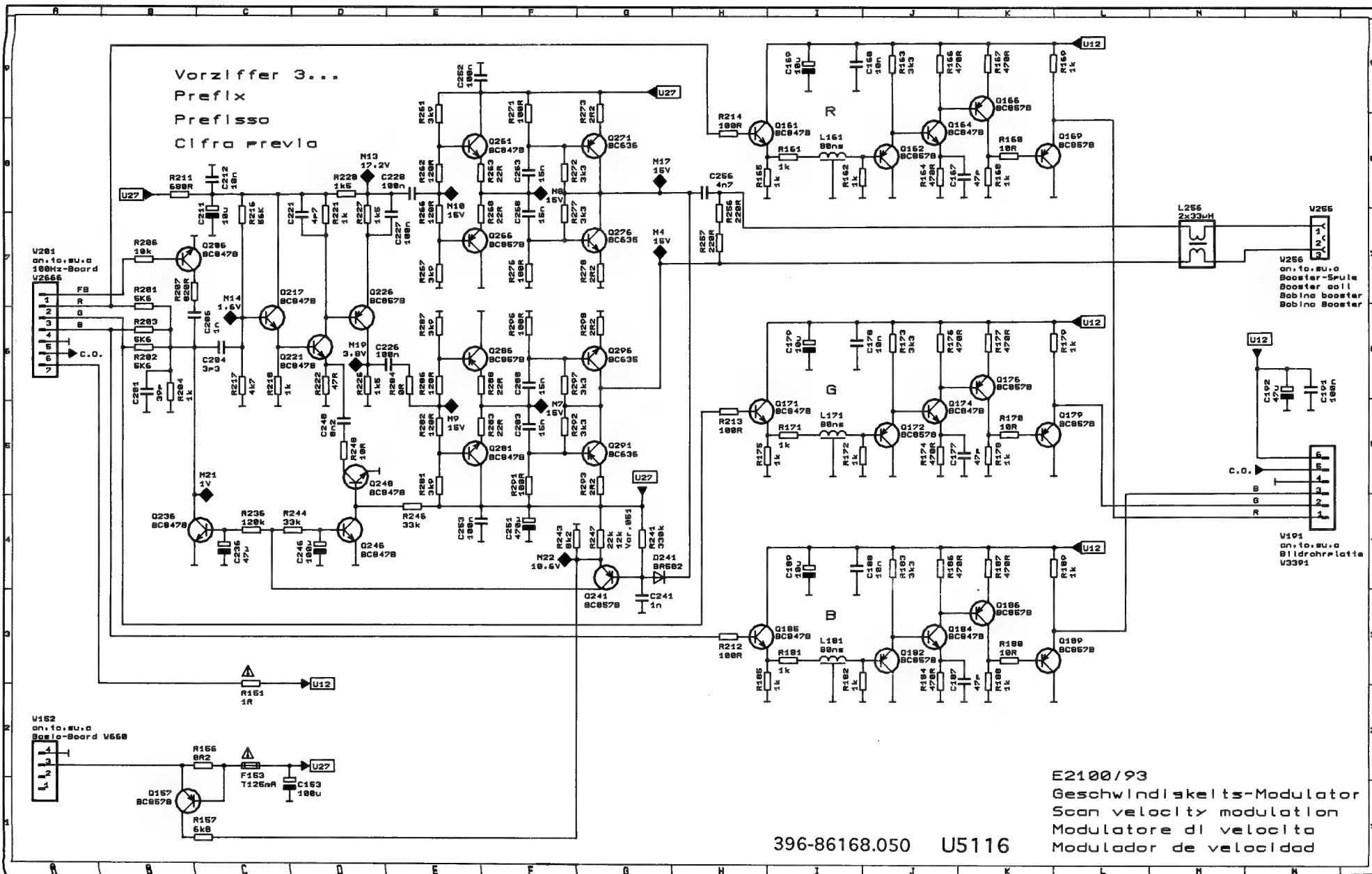


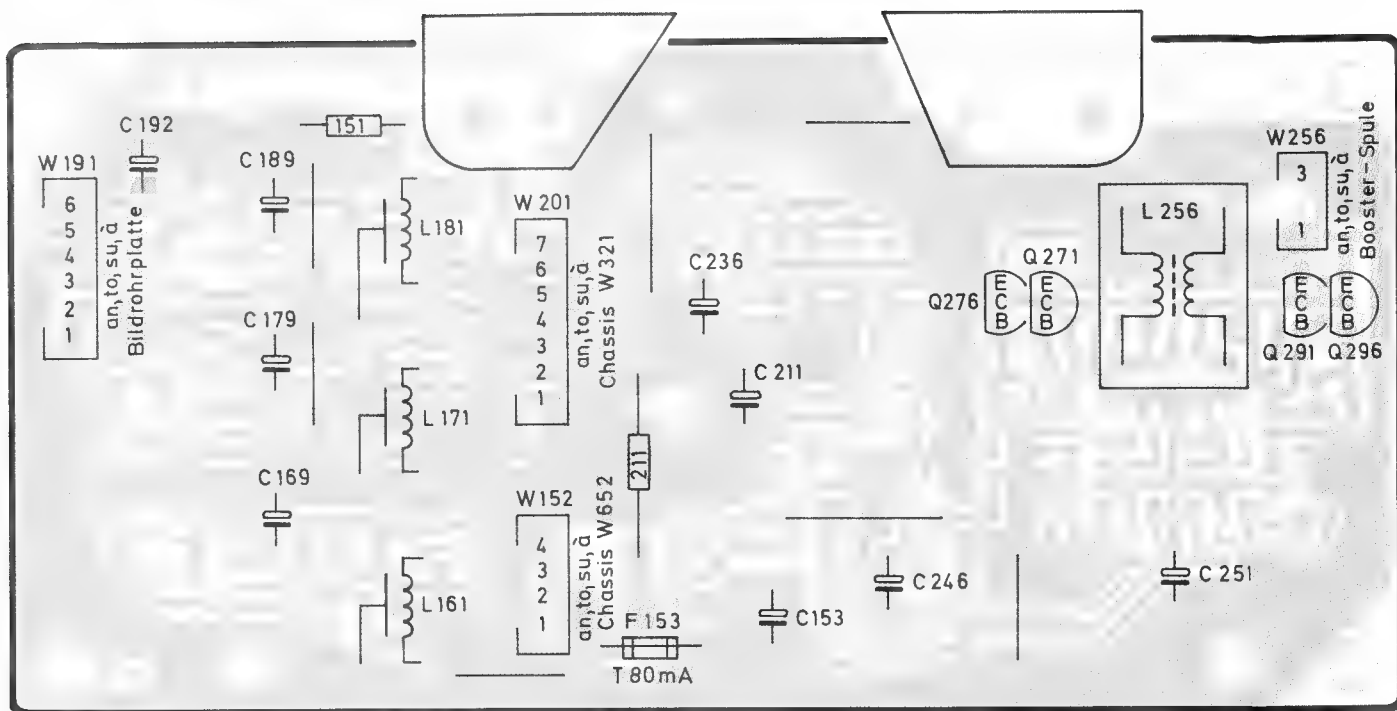




Picture tube board  
Ltpl. Bildrohr  
Solder side - Lötseite

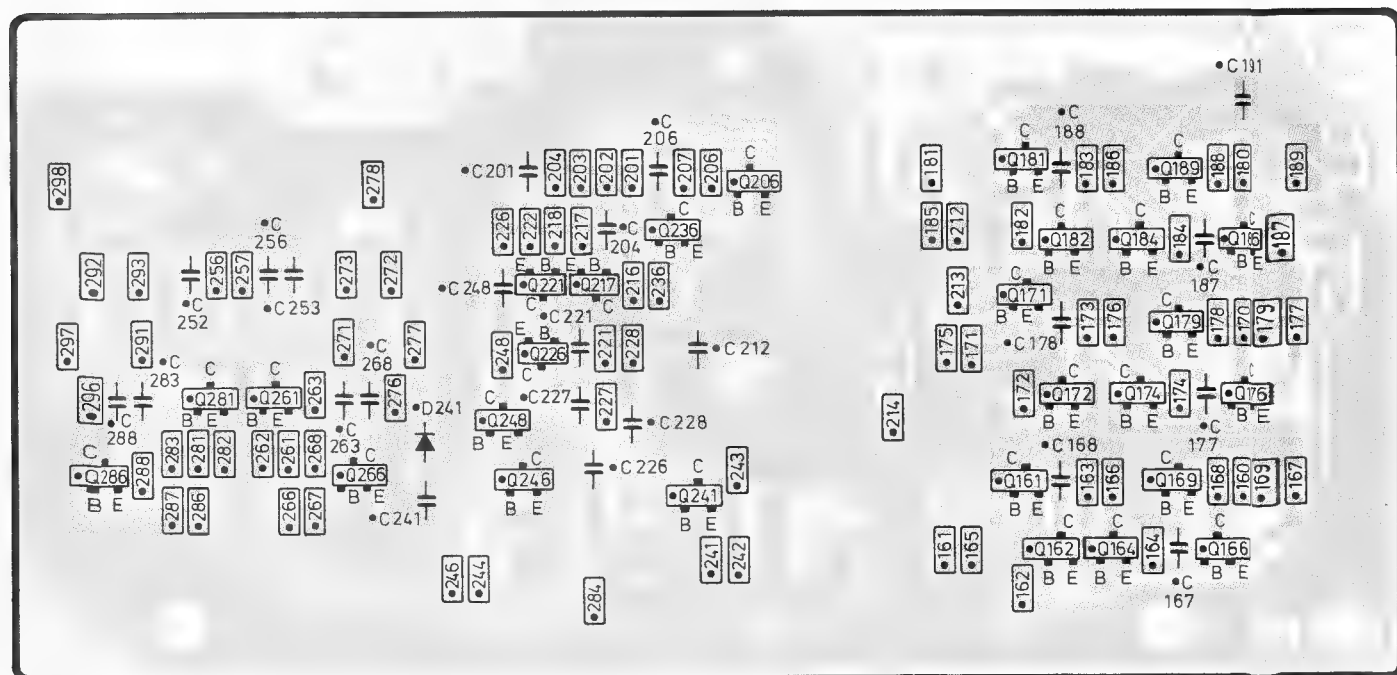
Leading number 3...  
Vorzeichen 3...





Scan velocity modulator PCB  
 Ltpl. Geschwindigkeits-Modulator  
 Component side - Bestückungsseite

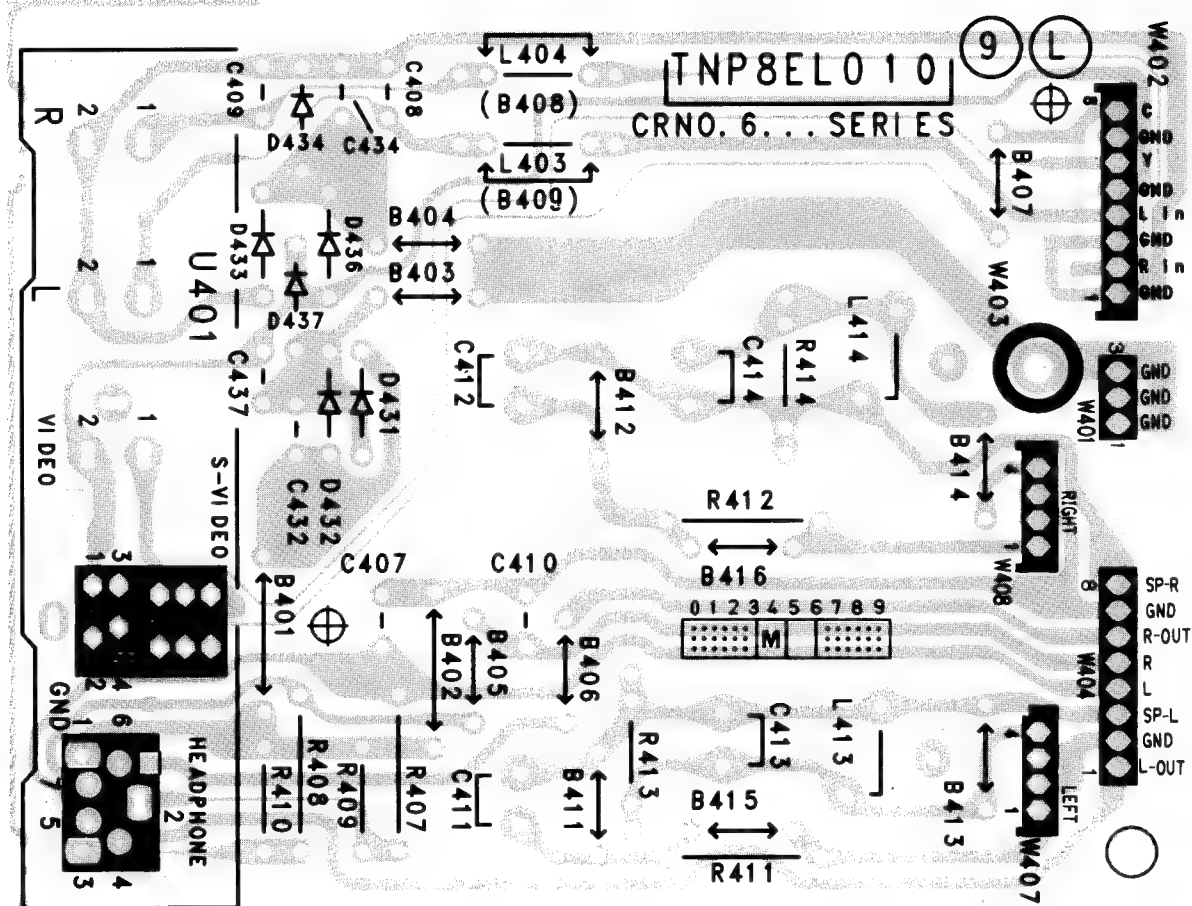
Leading number 3...  
 Vorziffer 3..



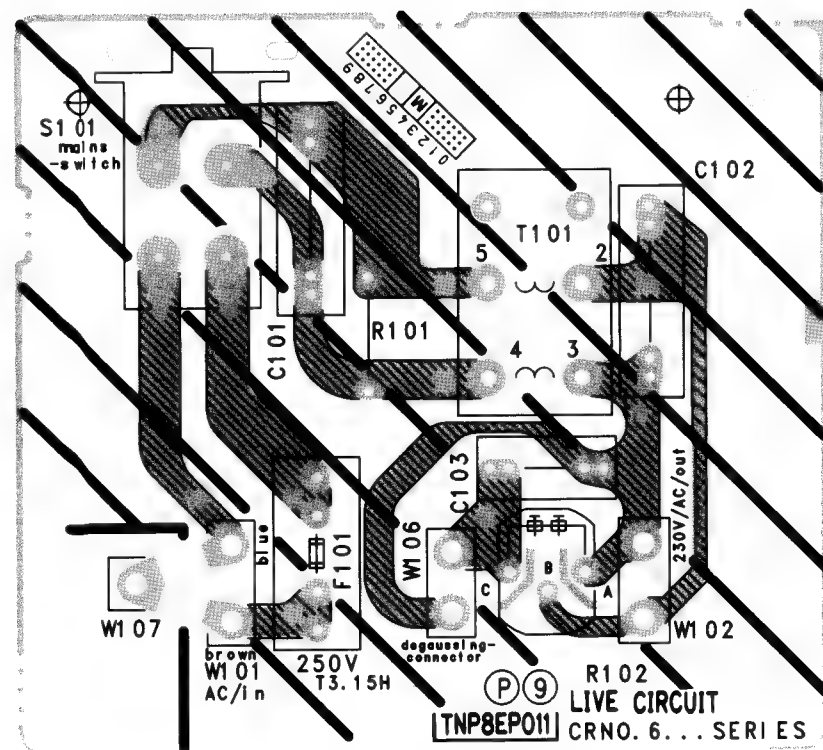
Scan velocity modulator PCB  
 Ltpl. Geschwindigkeits-Modulator  
 Solder side - Lötseite

Leading number 3...  
 Vorziffer 3..

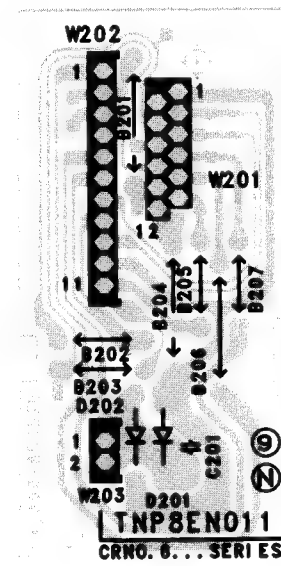




**AV-Headphone PCB**  
**AV-Kopfhörerplatte**  
**Solder side - Lötseite**

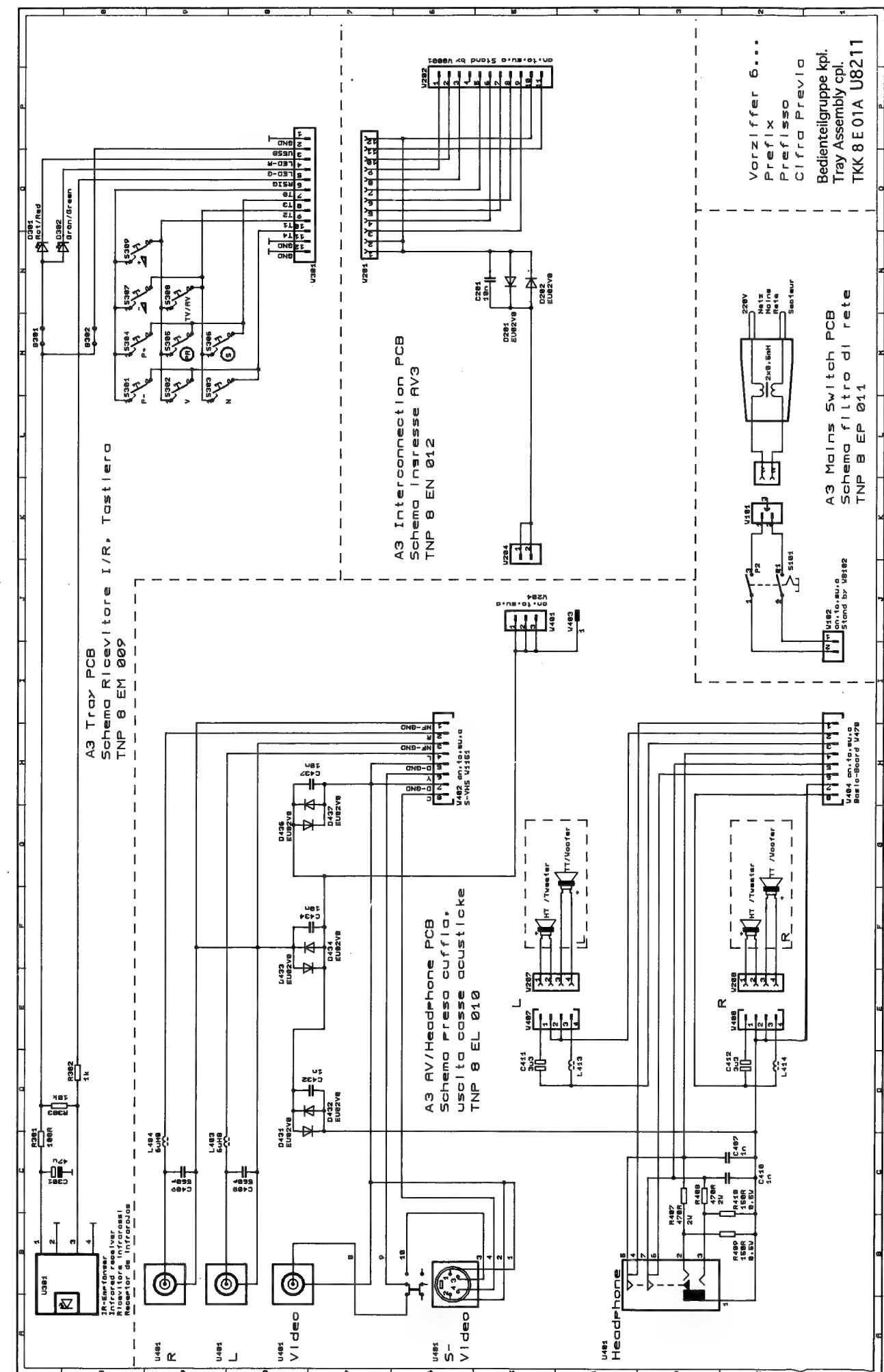


**Main switch PCB**  
**Netzschalterplatte**  
**Solder side - Lötseite**



**Interconnection PCB**  
**Zwischenkontaktierungsplatte**  
**Solder side - Lötseite**

Leading number 6...  
Vorziffer 6..

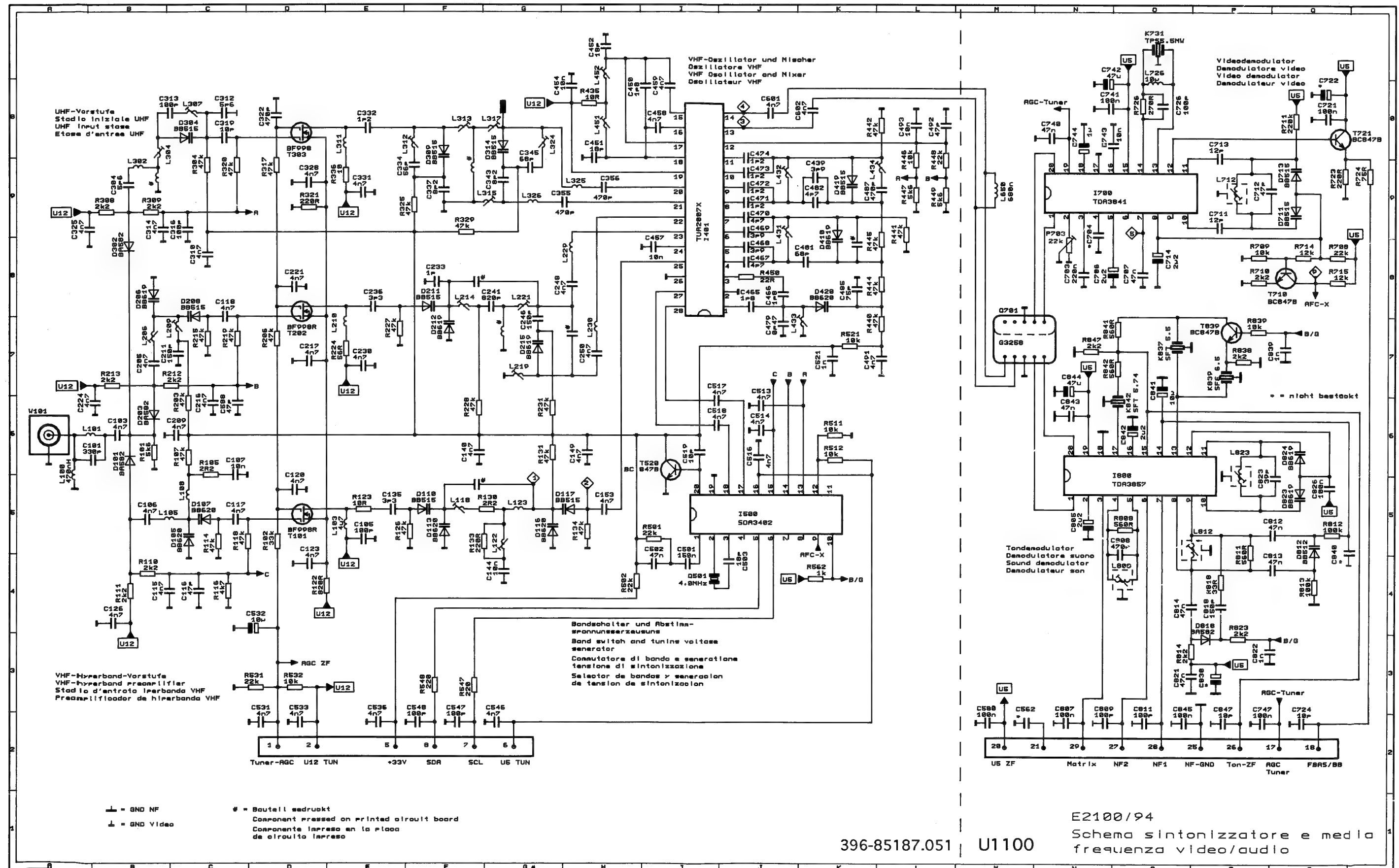


A3 Tray PCB  
Schema Ricevitore I/R, Tastiera

A3 Interconnection PCB  
Schema Ingress AV3  
TNP 8 EN 012

Vorzeichen 6...  
Prefix  
Prefisso  
Clfra Previa  
Bedienteilgruppe kpl.  
Tray Assembly cpl.  
TKK 8 E 01A U8211

Schema filtro di rete  
TNP B EP 011



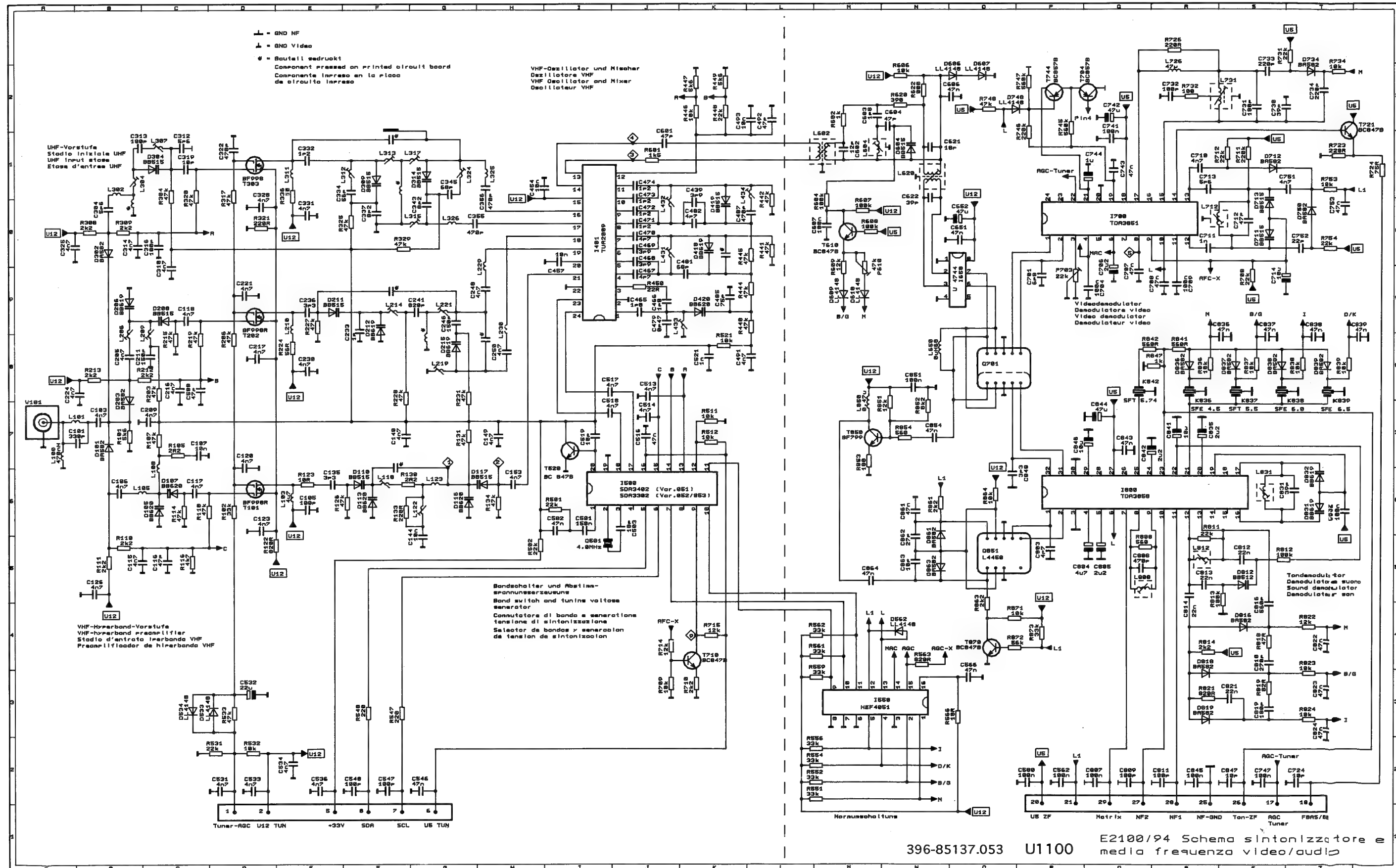
396-85187.051

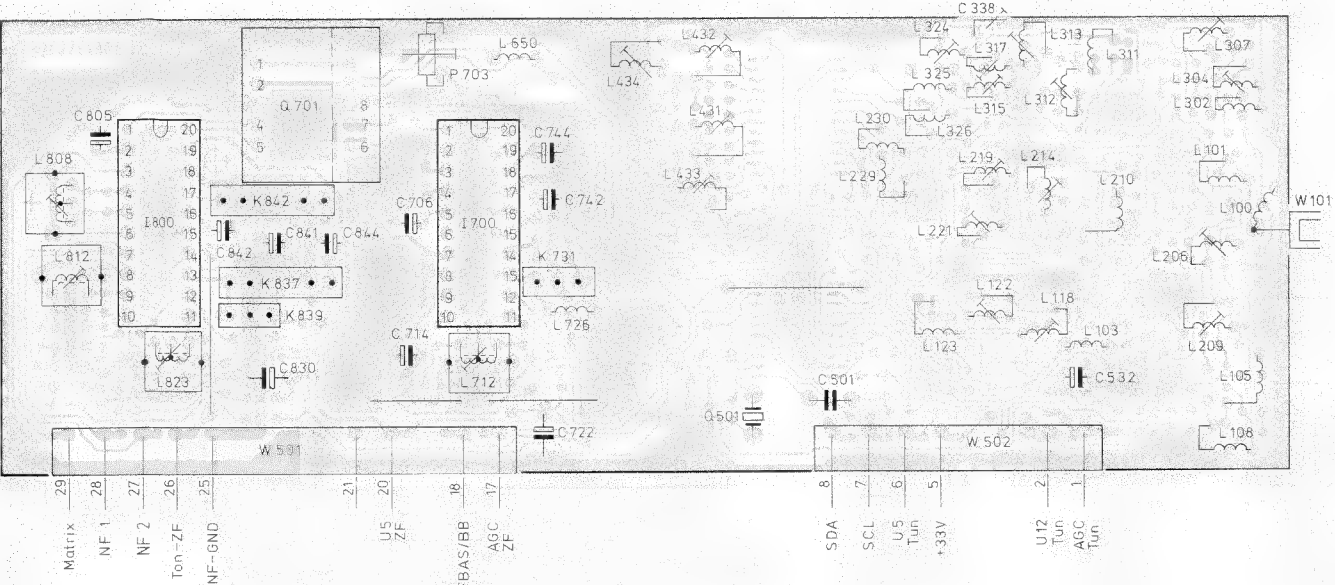
U1100

E2100/94

Schema sintonizzatore e media  
frequenza video/audio

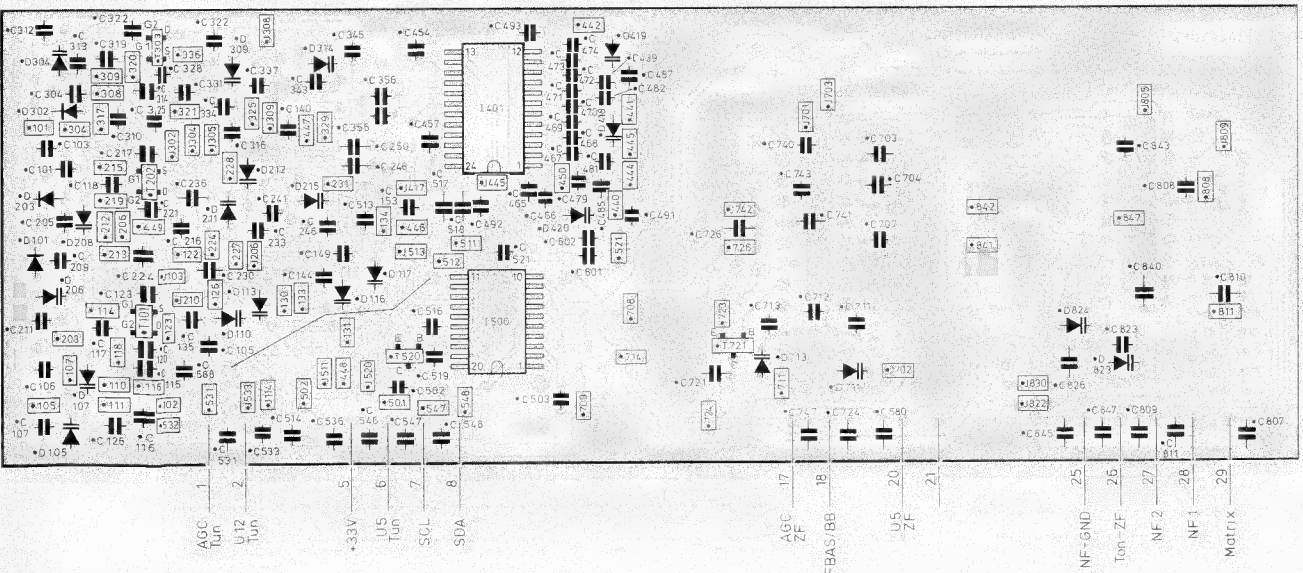






Hyperband tuner / IF amplifer PCB  
Ltpl. Hyperband-Tuner / ZF-Verstärker  
Component side - Bestückungsseite

Leading number 1...  
Vorziffer 1..



Hyperband tuner / IF amplifer PCB  
Ltpl. Hyperband-Tuner / ZF-Verstärker  
Solder side - Lötseite

Leading number 1...  
Vorziffer 1..

## REPLACEMENT PARTS LIST

### Important Safety Notice

Components identified by ▲ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Ref No.	Part No.	Description	
<b>MISCELLANEOUS COMPONENTS</b>			
	170-22563	MAINS LEAD	▲
	280-21919	BATTERY	
	432-74571	SCREW	
	438-76569	SCREW	
	501-85022	LID	
V0000	A68-ESF002X43	C.R.T.	▲
	EAB1083J	SPEAKER	
	TBM153015	PANASONIC BADGE	
	TBM8E1186	AV BLIND SHEET	
	TBM8E1261	AV LABEL	
	THT1009R	CRT FIXING SCREW	
	TKK170812-B	TRAY ASSEMBLY	
	TKP1812867	SMOKE PANEL	
	TKP1812961-A	TRAY/POWER BUTTON	
	TKU8E00138	REAR COVER	▲
	TKY8E018	CABINET	▲
	TNP8EL010AA	L P.C.B.	▲
	TNP8EM009AA	M P.C.B.	▲
	TNP8EN012AA	N P.C.B.	▲
	TNP8EP011AA	P P.C.B.	▲
	TNQ8E0462	REMOTE CONTROL	
	TPC8E4388	OUTER CARTON	
	TPD8E562	CUSHION	
	233-24544	INSTRUCTION BOOK	
	TUX8E005-30	REAR AV PANEL	
	XTB4+12A	SCREW	
	XTBT964Z	SCREW	
	XTV3+12AFZ	SCREW	
	XTV4+12A	SCREW	
	XTW3+12T	SCREW	
	XYN3+F8	SCREW	
F611	380-37669	FUSE	▲
F656	380-17123	FUSE	▲
F661	380-15825	FUSE	▲
F671	380-11199	FUSE	▲
F681	380-13837	FUSE	▲
F3153	380-24611	FUSE	▲
U510	396-86094	P.C.B.	▲
U2101	396-86137	P.C.B.	▲
U2102	396-85836	P.C.B.	▲
U3371	396-85938	P.C.B.	▲
U5116	396-86168	P.C.B.	▲
U6301	TNQ2667A	INFRA RED RECEIVER	
U6401	TJB8E004	FRONT AV TERMINAL	
U7613	396-86285	P.C.B.	▲
U8211	TKK8E01A	TRAY ASSEMBLY	

## ERSATZTEILLISTE

### Wichtiger Sicherheitshinweis

Teile, die mit einem Hinweis ▲ gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechseln erforderlich sein, sind unbedingt Originalteile einzusetzen..

Ref No.	Part No.	Description	
<b>CAPACITORS</b>			
C101	ECUV1H331JCN	S.M. CAP	50V 330pF
C103	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C105	ECUV1H8R2JCN	S.M. CAP	50V 8R2pF
C106	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C107	ECUV1H103JCN	S.M. CAP	50V 10nF
C115	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C116	ECUV1H470JCN	S.M. CAP	50V 47pF
C117	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C118	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C120	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C123	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C126	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C135	ECUV1H3R3CCN	S.M. CAP	50V 3R3pF
C140	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C144	ECUV1H103JCN	S.M. CAP	50V 10nF
C149	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C153	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C201	ECEA1CU470	ELECT	16V 47μF
C202	ECQB1H104KF3	FILM	50V 100nF
C203	ECEA1CU221B	ELECT	16V 220μF
C204	ECQB1H104KF3	FILM	50V 100nF
C205	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C206	ECEA1HU100B	ELECT	50V 10μF
C207	ECQB1H104KF3	FILM	50V 100nF
C208	ECQB1H472KF3	FILM	50V 4.7nF
C209	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C211	ECUV1H151JCN	S.M. CAP	50V 150pF
C216	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C217	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C221	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C224	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C230	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C233	ECUV1H010DCG	S.M. CAP	50V 1pF
C236	ECUV1H3R3JCH	S.M. CAP	50V 3R3pF
C241	ECUV1H821JCN	S.M. CAP	50V 820pF
C246	ECUV1H151JCN	S.M. CAP	50V 150pF
C248	ECUV1H472KBM	S.M. CAP	50V 4.7nF
C250	ECUV1H472KBM	S.M. CAP	50V 4.7nF
C304	ECUV1H5R6CCN	S.M. CAP	50V 5R6pF
C310	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C312	ECUV1H5R6CCN	S.M. CAP	50V 5R6pF
C313	ECUV1H8R2JCN	S.M. CAP	50V 8R2pF
C314	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C316	ECUV1H8R2JCN	S.M. CAP	50V 8R2pF
C319	ECUV1H100JCN	S.M. CAP	50V 10pF
C322	ECUV1H471JCN	S.M. CAP	50V 470pF
C325	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C328	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C331	ECUV1H472JCN	S.M. CAP	50V 4.7nF
C332	ECUV1H1R2DCG	S.M. CAP	50V 1R2pF
C334	ECUV1H560JCN	S.M. CAP	50V 56pF
C337	ECUV1H8R2CCN	S.M. CAP	50V 8R2pF
C342	ECEA1CU471	ELECT	16V 470μF
C343	ECUV1H8R2CCN	S.M. CAP	50V 8R2pF

Ref No.	Part No.	Description		
C345	ECUV1H680JCN	S.M. CAP	50V	68pF
C351	ECEA1CU471	ELECT	16V	470μF
C352	360-12546	ELECT	16V	100μF
C353	356-19511	S.M. CAP	25V	100nF
C354	ECUV1H100JCH	S.M. CAP	50V	10pF
C355	ECUV1H471JCN	S.M. CAP	50V	470pF
C356	ECUV1H471JCN	S.M. CAP	50V	470pF
C360	TACA1103P2KV	FILM CAP	2KV	10nF
C366	ECEA2EU470	ELECT	250V	47μF
C372	ECUV1H100JCH	S.M. CAP	50V	10pF
C373	359-74632	S.M. CAP	250V	100nF
C374	ECUV1H151JCH	S.M. CAP	50V	150pF
C376	ECUV1H102JCH	S.M. CAP	50V	1nF
C377	356-19511	S.M. CAP	25V	100nF
C381	ECUV1H4R7JCH	S.M. CAP	50V	4R7pF
C382	ECUV1H100JCH	S.M. CAP	50V	10pF
C383	359-74632	S.M. CAP	250V	100nF
C384	ECUV1H151JCH	S.M. CAP	50V	150pF
C386	ECUV1H102JCH	S.M. CAP	50V	1nF
C387	356-19511	S.M. CAP	25V	100nF
C391	ECUV1H2R2JCH	S.M. CAP	50V	2R2pF
C392	ECUV1H100JCH	S.M. CAP	50V	10pF
C393	359-74632	S.M. CAP	250V	100nF
C394	ECUV1H151JCH	S.M. CAP	50V	150pF
C396	ECUV1H102JCH	S.M. CAP	50V	1nF
C397	356-19511	S.M. CAP	25V	100nF
C439	ECUV1H3R9DCG	S.M. CAP	50V	3R9pF
C454	ECUV1H103JCN	S.M. CAP	50V	10nF
C457	ECUV1H103JCN	S.M. CAP	50V	10nF
C465	ECUV1H1R8DCG	S.M. CAP	50V	1R8pF
C466	ECEA1HU222	ELECT	50V	2200μF
C466	ECUV1H1R8DCG	S.M. CAP	50V	1R8pF
C467	ECKR1H223ZF5	CERAMIC	50V	22nF
C467	ECUV1H4R7CCN	S.M. CAP	50V	4R7pF
C468	ECEA1HU222	ELECT	50V	2200μF
C468	ECUV1H3R9CCN	S.M. CAP	50V	3R9pF
C469	ECKR1H223ZF5	CERAMIC	50V	22nF
C469	ECUV1H3R9CCN	S.M. CAP	50V	3R9pF
C470	ECUV1H4R7CCN	S.M. CAP	50V	4R7pF
C471	ECUV1H1R2DCG	S.M. CAP	50V	1R2pF
C472	ECEA1CU220	ELECT	16V	22μF
C472	ECUV1H1R2DCG	S.M. CAP	50V	1R2pF
C473	ECUV1H1R2DCG	S.M. CAP	50V	1R2pF
C474	ECQB1H103KF3	FILM	50V	10nF
C474	ECUV1H1R2DCG	S.M. CAP	50V	1R2pF
C475	ECKR1H102ZF5	CERAMIC	50V	1nF
C476	ECEA1HU010	ELECT	50V	1μF
C477	ECQV1H224JZ3	FILM	50V	220nF
C478	ECKR1H222KB5	FILM	50V	2.2nF
C479	ECQV1H224JZ3	FILM	50V	220nF
C479	ECUV1HR47CCN	FILM	50V	0R47pF
C481	ECUV1H680JCN	S.M. CAP	50V	68pF
C482	ECEA1CU220	ELECT	16V	22μF
C482	ECUV1H4R7CCN	S.M. CAP	50V	4R7pF
C484	ECQB1H103KF3	FILM	50V	10nF
C485	356-22330	S.M. CAP	50V	75pF
C485	ECKR1H102ZF5	CERAMIC	50V	1nF
C486	ECEA1HU010	ELECT	50V	1μF
C487	ECQV1H224JZ3	FILM	50V	220nF
C487	ECUV1H471JCN	S.M. CAP	50V	470pF
C488	ECKR1H222KB5	FILM	50V	2.2nF
C489	ECQV1H224JZ3	FILM	50V	220nF
C491	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C492	ECEA1VU4R7	ELECT	35V	4.7μF
C492	ECUV1H470JCN	S.M. CAP	50V	47pF
C493	ECUV1H103JCN	S.M. CAP	50V	10nF

Ref No.	Part No.	Description		
C501	359-11044	S.M. CAP	50V	150nF
C502	ECUV1H473JCN	S.M. CAP	50V	47nF
C503	ECUV1H180JCN	S.M. CAP	50V	18pF
C513	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C514	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C517	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C518	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C519	ECUV1H100JCN	S.M. CAP	50V	10pF
C521	ECEA1HU101	ELECT	50V	100μF
C521	ECUV1H102JCN	S.M. CAP	50V	1nF
C524	359-10095	S.M. CAP	50V	1nF
C527	ECKR2H681KB2	CERAMIC	500V	680pF
C528	ECKR2H681KB2	CERAMIC	500V	680pF
C531	359-79036	S.M. CAP	250V	560nF
C531	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C532	360-19620	ELECT	16V	10μF
C533	359-17876	S.M. CAP	63V	33nF
C533	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C536	359-24629	S.M. CAP	1K6V	11.5nF
C536	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C537	359-24472	S.M. CAP	630V	30nF
C538	359-24450	S.M. CAP	250V	600nF
C541	359-73806	FILM	250V	900nF
C543	ECEA2VU2R2	ELECT	350V	2.2μF
C547	ECKR2H101KB5	CERAMIC	500V	100pF
C548	ECEA2EU220	ELECT	250V	22μF
C549	ECEA1HN2R2	ELECT	50V	2.2μF
C557	ECKR2H101KB5	CERAMIC	500V	100pF
C558	ECEA1HU222	ELECT	50V	2200μF
C561	360-77756	ELECT	35V	2200μF
C563	ECEA1HU221	ELECT	50V	220μF
C564	ECQB1H473K	FILM	50V	47nF
C565	ECQV1H224JZ3	FILM	50V	220nF
C567	359-80463	S.M. CAP	63V	27nF
C568	ECQV1H224JZ3	FILM	50V	220nF
C569	359-15654	S.M. CAP	63V	6.8nF
C574	ECEA1VU332	ELECT	35V	3300μF
C576	ECQV1H684J	FILM	50V	680nF
C577	ECQV1H105JZ	FILM	50V	1μF
C578	359-14850	S.M. CAP	63V	3.9nF
C580	356-19511	S.M. CAP	25V	100nF
C581	ECEA1HU101	ELECT	50V	100μF
C586	ECQB1H104KF3	FILM	50V	100nF
C592	ECQB1H103KF3	FILM	50V	10nF
C593	ECEA1HGE4R7	ELECT	50V	4.7μF
C594	ECQB1H104KF3	FILM	50V	100nF
C595	357-74871	CERAMIC	63V	330pF
C596	ECQB1H472KF3	FILM	50V	4.7nF
C597	ECQB1H332K	FILM	50V	3.3nF
C612	359-77769	S.M. CAP	250V	220nF
C613	359-11322	S.M. CAP	250V	150nF
C617	ECQE4334KFW	FILM	400V	330nF
C618	360-17500	ELECT	400V	330μF
C619	359-23372	S.M. CAP	250V	100nF
C623	ECQV1H224JZ3	FILM	50V	220nF
C626	359-18821	S.M. CAP	1K5V	470pF
C629	ECQB1H153K	FILM	50V	15nF
C631	ECQB1H472KF3	FILM	50V	4.7nF
C632	ECQB1H223K	FILM	50V	22nF
C634	ECEA1HU010	ELECT	50V	1μF
C636	ECQB1H472KF3	FILM	50V	4.7nF
C637	ECQB1H562K	FILM	50V	5.6nF
C638	ECQF6333JZH	FILM	600V	33nF
C639	357-14192	CERAMIC	400V	2.2nF
C650	357-23994	CERAMIC	1KV	470pF
C656	ECKR2H681KB2	CERAMIC	500V	680pF

Ref No.	Part No.	Description		
C657	ECEA1HGE471	ELECT	50V	470μF
C662	ECEA1HU471	ELECT	50V	470μF
C666	ECQB1H223K	FILM	50V	22nF
C668	ECEA1CU221B	ELECT	16V	220μF
C672	ECEA1EGE472	ELECT	25V	4700μF
C673	ECQV1H334JZ	FILM	50V	330nF
C677	ECEA1HU221	ELECT	50V	220μF
C681	ECEA1HU221	ELECT	50V	220μF
C682	357-16875	CERAMIC	500V	330pF
C687	ECA1HFQ471BQ	ELECT	16V	470μF
C689	ECQV1H334JZ	FILM	50V	330nF
C697	ECEA1HU100B	ELECT	50V	10μF
C706	360-19654	ELECT	35V	2R2μF
C712	ECUV1H470JCN	S.M. CAP	50V	47pF
C724	ECUV1H100JCH	S.M. CAP	50V	10pF
C741	356-19511	S.M. CAP	25V	100nF
C742	360-19621	ELECT	10V	47μF
C742	360-19996	ELECT	16V	47μF
C744	360-19852	ELECT	50V	1μF
C747	356-19511	S.M. CAP	25V	100nF
C805	360-19654	ELECT	35V	2R2μF
C807	356-19511	S.M. CAP	25V	100nF
C808	ECUV1H471JCN	S.M. CAP	50V	470pF
C809	ECUV1H101JCH	S.M. CAP	50V	100pF
C811	ECUV1H101JCH	S.M. CAP	50V	100pF
C812	356-19514	S.M. CAP	25V	47nF
C813	356-19514	S.M. CAP	25V	47nF
C841	360-19620	ELECT	16V	10μF
C842	360-19654	ELECT	35V	2R2μF
C843	356-19514	S.M. CAP	25V	47nF
C844	360-19621	ELECT	10V	47μF
C844	360-19996	ELECT	16V	47μF
C845	356-19511	S.M. CAP	25V	100nF
C847	ECUV1H100JCH	S.M. CAP	50V	10pF
C1001	ECEA1CU101B	ELECT	16V	100μF
C1002	ECEA1CU101B	ELECT	16V	100μF
C1003	356-19511	S.M. CAP	25V	100nF
C1004	356-19511	S.M. CAP	25V	100nF
C1005	ECUV1H224JCN	S.M. CAP	50V	220nF
C1006	ECEA1CU101B	ELECT	16V	100μF
C1007	ECUV1H473KBM	S.M. CAP	50V	47nF
C1008	ECEA1CU101B	ELECT	16V	100μF
C1009	ECUV1H473KBM	S.M. CAP	50V	47nF
C1010	ECUV1H224JCN	S.M. CAP	50V	220nF
C1011	ECUV1H473KBM	S.M. CAP	50V	47nF
C1012	ECEA1CU470	ELECT	16V	47μF
C1013	ECEA1CU470	ELECT	16V	47μF
C1016	ECEA1CU470	ELECT	16V	47μF
C1017	ECUV1H473KBM	S.M. CAP	50V	47nF
C1018	ECEA1CU470	ELECT	16V	47μF
C1021	ECEA1JU470	ELECT	63V	470μF
C1022	ECEA1JU470	ELECT	63V	470μF
C1023	ECUV1H221JCH	S.M. CAP	50V	220pF
C1024	ECUV1H221JCH	S.M. CAP	50V	220pF
C1026	ECEA1CU470	ELECT	16V	47μF
C1027	ECEA1CU470	ELECT	16V	47μF
C1031	ECEA1JU470	ELECT	63V	470μF
C1032	ECEA1JU470	ELECT	63V	470μF
C1033	ECUV1H221JCH	S.M. CAP	50V	220pF
C1034	ECUV1H221JCH	S.M. CAP	50V	220pF
C1036	ECEA1CU470	ELECT	16V	47μF
C1037	ECEA1CU470	ELECT	16V	47μF
C1041	ECEA1JU470	ELECT	63V	470μF
C1042	ECEA1JU470	ELECT	63V	470μF
C1051	ECEA1JU470	ELECT	63V	470μF
C1052	ECEA1JU470	ELECT	63V	470μF

Ref No.	Part No.	Description		
C1053	ECEA1CU470	ELECT	16V	47μF
C1054	ECEA1CU470	ELECT	16V	47μF
C1056	ECEA1JU470	ELECT	63V	470μF
C1057	ECEA1JU470	ELECT	63V	470μF
C1058	ECEA1JU470	ELECT	63V	470μF
C1059	ECEA1JU470	ELECT	63V	470μF
C1068	356-19511	S.M. CAP	25V	100nF
C1069	356-19511	S.M. CAP	25V	100nF
C1081	ECEA1CU470	ELECT	16V	47μF
C1082	ECEA1CU470	ELECT	16V	47μF
C1096	ECUV1H102KBM	S.M. CAP	50V	1nF
C1097	ECUV1H102KBM	S.M. CAP	50V	1nF
C1101	ECEA1CU470	ELECT	16V	47μF
C1102	356-19511	S.M. CAP	25V	100nF
C1103	ECEA1CU470	ELECT	16V	47μF
C1104	ECUV1H473KBM	S.M. CAP	50V	47nF
C1106	ECEA1CU470	ELECT	16V	47μF
C1107	ECUV1H473KBM	S.M. CAP	50V	47nF
C1108	356-19511	S.M. CAP	25V	100nF
C1111	ECEA1HU010	ELECT	50V	1μF
C1112	ECEA1HU010	ELECT	50V	1μF
C1129	ECUV1H102KBM	S.M. CAP	50V	1nF
C1131	ECEA1HU010	ELECT	50V	1μF
C1149	ECUV1H102KBM	S.M. CAP	50V	1nF
C1151	ECEA1HU010	ELECT	50V	1μF
C1156	ECEA1HU010	ELECT	50V	1μF
C1158	356-19511	S.M. CAP	25V	100nF
C1161	ECEA1HU010	ELECT	50V	1μF
C1162	ECUV1H270JCM	S.M. CAP	50V	27pF
C1164	356-19511	S.M. CAP	25V	100nF
C1167	356-19511	S.M. CAP	25V	100nF
C1173	356-19511	S.M. CAP	25V	100nF
C1180	ECEA1CU470	ELECT	16V	47μF
C1181	ECEA1HU010	ELECT	50V	1μF
C1182	ECUV1H473KBM	S.M. CAP	50V	47nF
C1196	ECUV1H102KBM	S.M. CAP	50V	1nF
C1201	ECEA1CU470	ELECT	16V	47μF
C1202	ECUV1H473KBM	S.M. CAP	50V	47nF
C1203	ECUV1H473KBM	S.M. CAP	50V	47nF
C1206	ECEA1CU470	ELECT	16V	47μF
C1207	ECUV1H473KBM	S.M. CAP	50V	47nF
C1212	ECUV1H102KBM	S.M. CAP	50V	1nF
C1231	ECUV1H473KBM	S.M. CAP	50V	47nF
C1232	ECUV1H473KBM	S.M. CAP	50V	47nF
C1236	ECUV1H473KBM	S.M. CAP	50V	47nF
C1251	ECUV1H102KBM	S.M. CAP	50V	1nF
C1262	356-19511	S.M. CAP	25V	100nF
C1267	356-19511	S.M. CAP	25V	100nF
C1271	ECEA1HU010	ELECT	50V	1μF
C1274	356-19511	S.M. CAP	25V	100nF
C1281	ECUV1H102KBM	S.M. CAP	50V	1nF
C1301	ECEA1CU101B	ELECT	16V	100μF
C1302	ECUV1H103KBM	S.M. CAP	50V	10nF
C1303	ECUV1H103KBM	S.M. CAP	50V	10nF
C1304	ECEA1CU101B	ELECT	16V	100μF
C1305	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C1306	ECUV1H103KBM	S.M. CAP	50V	10nF
C1308	ECUV1H103KBM	S.M. CAP	50V	10nF
C1309	ECEA1CU101B	ELECT	16V	100μF
C1311	ECUV1H102KBM	S.M. CAP	50V	1nF
C1312	ECQV1H224JZ3	FILM	50V	220nF
C1313	ECQV1H224JZ3	FILM	50V	220nF
C1314	ECUV1H103JCH	S.M. CAP	50V	10nF
C1315	ECUV1H102KBM	S.M. CAP	50V	1nF
C1316	ECQV1H224JZ3	FILM	50V	220nF
C1317	ECUV1H103JCH	S.M. CAP	50V	10nF



Ref No.	Part No.	Description		
C1318	ECQV1H224JZ3	FILM	50V	220nF
C1319	ECUV1H221JCH	S.M. CAP	50V	220pF
C1320	ECUV1H102KBM	S.M. CAP	50V	1nF
C1321	ECUV1H392KBM	S.M. CAP	50V	3.9nF
C1322	ECUV1H471JCH	S.M. CAP	50V	470pF
C1323	ECQV1H224JZ3	FILM	50V	220nF
C1324	ECQV1H224JZ3	FILM	50V	220nF
C1325	ECUV1H101JCH	S.M. CAP	50V	100pF
C1326	ECUV1H101JCH	S.M. CAP	50V	100pF
C1332	ECUV1H100DCM	S.M. CAP	50V	10pF
C1333	ECUV1H100DCM	S.M. CAP	50V	10pF
C1334	ECEA1VU4R7	ELECT	35V	4.7μF
C1336	ECUV1H103KBM	S.M. CAP	50V	10nF
C1337	ECUV1H681JCH	S.M. CAP	50V	680pF
C1338	ECUV1H681JCH	S.M. CAP	50V	680pF
C1339	ECUV1H681JCH	S.M. CAP	50V	680pF
C1341	ECEA1CU221B	ELECT	16V	220μF
C1342	ECEA1CU221B	ELECT	16V	220μF
C1343	ECEA1CU101B	ELECT	16V	100μF
C1344	ECEA1CU221B	ELECT	16V	220μF
C1351	356-19511	S.M. CAP	25V	100nF
C1352	ECUV1H103KBM	S.M. CAP	50V	10nF
C1354	ECUV1H103KBM	S.M. CAP	50V	10nF
C1356	ECUV1H102KBM	S.M. CAP	50V	1nF
C1357	ECUV1H102KBM	S.M. CAP	50V	1nF
C1361	ECUV1H103KBM	S.M. CAP	50V	10nF
C1362	ECUV1H472JCH	S.M. CAP	50V	4.7nF
C1367	ECUV1H152JCW	S.M. CAP	50V	1.5pF
C1371	ECUV1H103KBM	S.M. CAP	50V	10nF
C1372	ECUV1H472JCH	S.M. CAP	50V	4.7nF
C1377	ECUV1H152JCW	S.M. CAP	50V	1.5pF
C1381	ECEA1HU010	ELECT	50V	1μF
C1382	ECUV1H472JCH	S.M. CAP	50V	4.7nF
C1387	ECUV1H152JCW	S.M. CAP	50V	1.5pF
C1388	ECUV1H222JCH	S.M. CAP	50V	2.2nF
C1389	ECUV1H102KBM	S.M. CAP	50V	1nF
C1391	ECEA1HU010	ELECT	50V	1μF
C1392	ECUV1H472JCH	S.M. CAP	50V	4.7nF
C1397	ECUV1H152JCW	S.M. CAP	50V	1.5pF
C1398	ECUV1H222JCH	S.M. CAP	50V	2.2nF
C1399	ECUV1H102KBM	S.M. CAP	50V	1nF
C1501	ECUV1H103KBM	S.M. CAP	50V	10nF
C1502	356-19511	S.M. CAP	25V	100nF
C1503	ECEA1CU101B	ELECT	16V	100μF
C1504	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C1506	ECUV1H100DCM	S.M. CAP	50V	10pF
C1507	ECUV1H560JCM	S.M. CAP	50V	56pF
C1508	ECUV1H102KBM	S.M. CAP	50V	1nF
C1509	ECUV1H471JCH	S.M. CAP	50V	470pF
C1511	ECUV1H270JCM	S.M. CAP	50V	27pF
C1516	ECUV1H100DCM	S.M. CAP	50V	10pF
C1519	ECUV1H103KBM	S.M. CAP	50V	10nF
C1539	ECUV1H103KBM	S.M. CAP	50V	10nF
C1544	356-20189	S.M. CAP	50V	4.7nF
C1547	ECUV1H471JCH	S.M. CAP	50V	470pF
C1601	ECUV1H103KBM	S.M. CAP	50V	10nF
C1602	ECEA1CU101B	ELECT	16V	100μF
C1603	ECUV1H103KBM	S.M. CAP	50V	10nF
C1604	ECUV1H103KBM	S.M. CAP	50V	10nF
C1605	ECUV1H103KBM	S.M. CAP	50V	10nF
C1606	ECUV1H221JCH	S.M. CAP	50V	220pF
C1607	ECUV1H330JCM	S.M. CAP	50V	33pF
C1608	ECUV1H331JCH	S.M. CAP	50V	330pF
C1609	ECUV1H101JCH	S.M. CAP	50V	100pF
C1611	356-20188			
C1614	ECUV1H103KBM	S.M. CAP	50V	10nF

Ref No.	Part No.	Description		
C1616	ECEA1CU101B	ELECT	16V	100μF
C1621	ECEA1VU4R7	ELECT	35V	4.7μF
C1622	ECUV1H270JCM	S.M. CAP	50V	27pF
C1623	356-19511	S.M. CAP	25V	100nF
C1624	ECUV1H101JCH	S.M. CAP	50V	100pF
C1626	356-19511	S.M. CAP	25V	100nF
C1627	ECUV1H103KBM	S.M. CAP	50V	10nF
C1628	ECEA1CU470	ELECT	16V	47μF
C1629	ECUV1H103KBM	S.M. CAP	50V	10nF
C1630	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C1631	ECUV1H103KBM	S.M. CAP	50V	10nF
C1632	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C1634	356-19511	S.M. CAP	25V	100nF
C1639	ECEA1VU4R7	ELECT	35V	4.7μF
C1651	ECUV1H103KBM	S.M. CAP	50V	10nF
C1652	ECEA1CU470	ELECT	16V	47μF
C1661	ECUV1H103KBM	S.M. CAP	50V	10nF
C1678	ECUV1H102KBM	S.M. CAP	50V	1nF
C1682	ECUV1H103KBM	S.M. CAP	50V	10nF
C1701	ECUV1H102KBM	S.M. CAP	50V	1nF
C1702	ECUV1H102KBM	S.M. CAP	50V	1nF
C1706	356-19511	S.M. CAP	25V	100nF
C1726	ECUV1H103KBM	S.M. CAP	50V	10nF
C1727	ECEA1EU471	ELECT	25V	470μF
C1729	ECEA1CU101B	ELECT	16V	100μF
C1731	ECUV1H101JCH	S.M. CAP	50V	100pF
C1771	ECUV1H103KBM	S.M. CAP	50V	10nF
C1772	ECEA1CU470	ELECT	16V	47μF
C1774	356-19511	S.M. CAP	25V	100nF
C1775	356-20189	S.M. CAP	50V	4.7nF
C1781	ECUV1H333KBM	S.M. CAP	50V	33nF
C1782	ECUV1H333KBM	S.M. CAP	50V	33nF
C1784	ECEA1CU470	ELECT	16V	47μF
C1786	356-19511	S.M. CAP	25V	100nF
C1787	ECUV1H220JCM	S.M. CAP	50V	22pF
C1788	ECUV1H220JCM	S.M. CAP	50V	22pF
C1791	ECUV1H470JCM	S.M. CAP	50V	47pF
C1794	ECUV1H470JCM	S.M. CAP	50V	47pF
C1796	ECUV1H103KBM	S.M. CAP	50V	10nF
C1797	ECEA1CU470	ELECT	16V	47μF
C1799	ECUV1H470JCM	S.M. CAP	50V	47pF
C1801	ECUV1H103KBM	S.M. CAP	50V	10nF
C1802	ECEA1CU470	ELECT	16V	47μF
C1806	ECUV1H101JCH	S.M. CAP	50V	100pF
C1811	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1813	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1814	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1816	ECUV1H102KBM	S.M. CAP	50V	1nF
C1826	ECUV1H102KBM	S.M. CAP	50V	1nF
C1836	356-19511	S.M. CAP	25V	100nF
C1838	ECUV1H101JCH	S.M. CAP	50V	100pF
C1841	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1843	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1845	ECUV1H560JCM	S.M. CAP	50V	56pF
C1846	ECUV1H332KBM	S.M. CAP	50V	3.3nF
C1849	ECEA1VU4R7	ELECT	35V	4.7μF
C1851	ECUV1H470JCM	S.M. CAP	50V	47pF
C1852	ECUV1H390JCM	S.M. CAP	50V	39pF
C1853	ECUV1H390JCM	S.M. CAP	50V	39pF
C1854	ECUV1H470JCM	S.M. CAP	50V	47pF
C1858	ECUV1H103KBM	S.M. CAP	50V	10nF
C1860	ECUV1H103KBM	S.M. CAP	50V	10nF
C1865	ECUV1H221JCH	S.M. CAP	50V	220pF
C1871	ECUV1H103KBM	S.M. CAP	50V	10nF
C1885	ECUV1H560JCM	S.M. CAP	50V	56pF
C1887	ECUV1H560JCM	S.M. CAP	50V	56pF



Ref No.	Part No.	Description		
C1888	ECUV1H103KBM	S.M. CAP	50V	10nF
C1889	ECUV1H560JCM	S.M. CAP	50V	56pF
C1899	ECUV1H102KBM	S.M. CAP	50V	1nF
C1904	ECUV1H103KBM	S.M. CAP	50V	10nF
C1922	ECUV1H103KBM	S.M. CAP	50V	10nF
C1925	ECUV1H103KBM	S.M. CAP	50V	10nF
C1931	ECUV1H103KBM	S.M. CAP	50V	10nF
C1932	ECUV1H103KBM	S.M. CAP	50V	10nF
C1941	ECUV1H103KBM	S.M. CAP	50V	10nF
C1942	ECEA1CU470	ELECT	16V	47μF
C1943	ECUV1H560JCM	S.M. CAP	50V	56pF
C1946	ECUV1H103KBM	S.M. CAP	50V	10nF
C1961	ECEA1CU221B	ELECT	16V	220μF
C1962	ECEA1CU470	ELECT	16V	47μF
C1964	ECEA1CU470	ELECT	16V	47μF
C1972	ECUV1H103KBM	S.M. CAP	50V	10nF
C1973	ECUV1H103KBM	S.M. CAP	50V	10nF
C1974	ECUV1H103KBM	S.M. CAP	50V	10nF
C2151	ECEA1CU101B	ELECT	16V	100μF
C2152	356-19511	S.M. CAP	25V	100nF
C2153	ECUV1H103JCN	S.M. CAP	50V	10nF
C2154	356-19511	S.M. CAP	25V	100nF
C2155	ECCR1H101J	CERAMIC	50V	100pF
C2156	ECUV1H100JCN	S.M. CAP	50V	10pF
C2159	ECUV1H560JCN	S.M. CAP	50V	56pF
C2160	363-18456	TRIMMER		2.5-25pF
C2161	ECUV1H100JCN	S.M. CAP	50V	10pF
C2162	ECUV1H100JCN	S.M. CAP	50V	10pF
C2163	ECUV1H100JCN	S.M. CAP	50V	10pF
C2166	ECQV1H105JZ	FILM	50V	1μF
C2167	ECQV1H105JZ	FILM	50V	1μF
C2168	ECQV1H105JZ	FILM	50V	1μF
C2171	ECUV1H103JCN	S.M. CAP	50V	10nF
C2172	ECUV1H103JCN	S.M. CAP	50V	10nF
C2173	ECUV1H103JCN	S.M. CAP	50V	10nF
C2174	ECUV1H271JCN	S.M. CAP	50V	270pF
C2176	ECUV1H103JCN	S.M. CAP	50V	10nF
C2351	ECEA1CU470	ELECT	16V	47μF
C2352	356-19511	S.M. CAP	25V	100nF
C2361	356-19511	S.M. CAP	25V	100nF
C2363	ECUV1H100JCN	S.M. CAP	50V	10pF
C2386	ECUV1H473JCN	S.M. CAP	50V	47nF
C2387	356-19511	S.M. CAP	25V	100nF
C2389	356-19511	S.M. CAP	25V	100nF
C2401	ECEA1CU101B	ELECT	16V	100μF
C2402	356-19511	S.M. CAP	25V	100nF
C2407	356-19511	S.M. CAP	25V	100nF
C2416	356-19511	S.M. CAP	25V	100nF
C2417	ECUV1H102JCN	S.M. CAP	50V	1nF
C2423	ECUV1H470JCN	S.M. CAP	50V	47pF
C2424	ECUV1H271JCN	S.M. CAP	50V	270pF
C2431	356-19511	S.M. CAP	25V	100nF
C2432	ECEA1CU101B	ELECT	16V	100μF
C2433	ECUV1H104KBM	S.M. CAP	50V	100nF
C2461	356-19511	S.M. CAP	25V	100nF
C2462	ECEA1CU101B	ELECT	16V	100μF
C2463	ECUV1H104KBM	S.M. CAP	50V	100nF
C2481	ECEA1CU470	ELECT	16V	47μF
C2482	356-13554	S.M. CAP	50V	10nF
C2483	356-13554	S.M. CAP	50V	10nF
C2484	356-13554	S.M. CAP	50V	10nF
C2486	356-13554	S.M. CAP	50V	10nF
C2495	356-19511	S.M. CAP	25V	100nF
C2496	356-13554	S.M. CAP	50V	10nF
C2497	ECQB1H104KF3	FILM	50V	100nF
C2498	ECUV1H103JCN	S.M. CAP	50V	10nF

Ref No.	Part No.	Description		
C2499	ECEA1CU100	ELECT	16V	10μF
C2500	ECUV1H103JCN	S.M. CAP	50V	10nF
C2501	ECUV1H180JCN	S.M. CAP	50V	18pF
C2502	ECUV1H390JCN	S.M. CAP	50V	39pF
C2503	ECUV1H221JCN	S.M. CAP	50V	220pF
C2504	ECUV1H221JCN	S.M. CAP	50V	220pF
C2506	ECUV1H104KBM	S.M. CAP	50V	100nF
C2507	ECEA1CU100	ELECT	16V	10μF
C2508	ECEA1CU100	ELECT	16V	10μF
C2510	356-19511	S.M. CAP	25V	100nF
C2511	356-13554	S.M. CAP	50V	10nF
C2512	ECEA1CU101B	ELECT	16V	100μF
C2513	ECUV1H473JCN	S.M. CAP	50V	47nF
C2515	356-13554	S.M. CAP	50V	10nF
C2516	ECUV1H220JCN	S.M. CAP	50V	22pF
C2517	ECUV1H680JCN	S.M. CAP	50V	68pF
C2518	ECUV1H104KBM	S.M. CAP	50V	100nF
C2519	ECEA1CU100	ELECT	16V	10μF
C2520	ECUV1H221JCN	S.M. CAP	50V	220pF
C2521	ECUV1H221JCN	S.M. CAP	50V	220pF
C2526	359-12516	S.M. CAP	50V	300nF
C2527	359-12516	S.M. CAP	50V	300nF
C2531	ECEA1HU2R2	ELECT	50V	2.2μF
C2532	356-19511	S.M. CAP	25V	100nF
C2534	ECUV1H470JCN	S.M. CAP	50V	47pF
C2535	ECUV1H470JCN	S.M. CAP	50V	47pF
C2536	ECUV1H470JCN	S.M. CAP	50V	47pF
C2537	ECUV1H220JCN	S.M. CAP	50V	22pF
C2538	ECUV1H220JCN	S.M. CAP	50V	22pF
C2561	ECEA1CU101B	ELECT	16V	100μF
C2562	356-19511	S.M. CAP	25V	100nF
C2563	356-19511	S.M. CAP	25V	100nF
C2564	356-19511	S.M. CAP	25V	100nF
C2566	356-13554	S.M. CAP	50V	10nF
C2571	ECEA1CU101B	ELECT	16V	100μF
C2572	356-19511	S.M. CAP	25V	100nF
C2573	356-19511	S.M. CAP	25V	100nF
C2576	ECEA1CU470	ELECT	16V	47μF
C2577	356-13554	S.M. CAP	50V	10nF
C2578	356-19511	S.M. CAP	25V	100nF
C2579	356-19511	S.M. CAP	25V	100nF
C2581	ECEA1CU470	ELECT	16V	47μF
C2582	356-13554	S.M. CAP	50V	10nF
C2583	356-19511	S.M. CAP	25V	100nF
C2601	ECUV1H181JCN	S.M. CAP	50V	180pF
C2602	ECUV1H180JCN	S.M. CAP	50V	18pF
C2604	ECUV1H181JCN	S.M. CAP	50V	180pF
C2606	ECUV1H473JCN	S.M. CAP	50V	47nF
C2611	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2612	ECUV1H180JCN	S.M. CAP	50V	18pF
C2613	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2616	356-19511	S.M. CAP	25V	100nF
C2621	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2622	ECUV1H180JCN	S.M. CAP	50V	18pF
C2623	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2632	ECUV1H473JCN	S.M. CAP	50V	47nF
C2641	ECEA1CU470	ELECT	16V	47μF
C2642	ECUV1H103KBM	S.M. CAP	50V	10nF
C2643	ECEA1HU010	ELECT	50V	1μF
C2644	359-12516	S.M. CAP	50V	300nF
C2646	359-12516	S.M. CAP	50V	300nF
C2647	359-12516	S.M. CAP	50V	300nF
C2648	ECUV1H470JCN	S.M. CAP	50V	47pF
C2651	ECUV1H473KBW	S.M. CAP	50V	47nF
C2652	ECUV1H473KBW	S.M. CAP	50V	47nF
C2653	ECUV1H473KBW	S.M. CAP	50V	47nF

Ref No.	Part No.	Description		
C2664	ECQV1H105JZ	FILM	50V	1μF
C2665	356-19511	S.M. CAP	25V	100nF
C2666	359-10634	S.M. CAP	50V	220nF
C2667	359-10634	S.M. CAP	50V	220nF
C2668	359-10634	S.M. CAP	50V	220nF
C2669	ECUV1H470JCN	S.M. CAP	50V	47pF
C2670	ECUV1H470JCN	S.M. CAP	50V	47pF
C2781	ECUV1H102JCN	S.M. CAP	50V	1nF
C2782	ECUV1H100JCN	S.M. CAP	50V	10pF
C2783	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2784	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2786	ECUV1H8R2JCN	S.M. CAP	50V	8R2pF
C2787	356-19511	S.M. CAP	25V	100nF
C2982	ECUV1H473JCN	S.M. CAP	50V	47nF
C2984	ECUV1H473JCN	S.M. CAP	50V	47nF
C2986	ECUV1H473JCN	S.M. CAP	50V	47nF
C3153	ECEA1JU101	ELECT	63V	100μF
C3167	ECUV1H470JCH	S.M. CAP	50V	47pF
C3168	356-13205	S.M. CAP	50V	10nF
C3169	360-73732	ELECT	16V	10μF
C3177	ECUV1H470JCH	S.M. CAP	50V	47pF
C3178	356-13205	S.M. CAP	50V	10nF
C3179	360-73732	ELECT	16V	10μF
C3187	ECUV1H470JCH	S.M. CAP	50V	47pF
C3188	356-13205	S.M. CAP	50V	10nF
C3189	360-73732	ELECT	16V	10μF
C3191	ECUV1H104JCH	S.M. CAP	50V	100nF
C3192	360-71134	ELECT	16V	47μF
C3201	ECUV1H390JCH	S.M. CAP	50V	39pF
C3204	ECUV1H3R3JCH	S.M. CAP	50V	3R3pF
C3206	ECUV1H102JCH	S.M. CAP	50V	1nF
C3211	ECEA1HU100	ELECT	50V	10μF
C3212	356-13205	S.M. CAP	50V	10nF
C3221	ECUV1H4R7JCH	S.M. CAP	50V	4R7pF
C3226	ECUV1H104JCH	S.M. CAP	50V	100nF
C3227	ECUV1H104JCH	S.M. CAP	50V	100nF
C3228	ECUV1H104JCH	S.M. CAP	50V	100nF
C3236	360-71134	ELECT	16V	47μF
C3241	ECUV1H102JCH	S.M. CAP	50V	1nF
C3246	ECEA1JU101	ELECT	63V	100μF
C3248	ECUV1H822KBM	S.M. CAP	50V	8R2nF
C3251	360-22569	ELECT	40V	470μF
C3252	ECUV1H104JCH	S.M. CAP	50V	100nF
C3253	ECUV1H104JCH	S.M. CAP	50V	100nF
C3256	ECUV1H472KBM	S.M. CAP	50V	4.7nF
C3263	ECUV1H150KBM	S.M. CAP	50V	15pF
C3268	ECUV1H150KBM	S.M. CAP	50V	15pF
C3283	ECUV1H150KBM	S.M. CAP	50V	15pF
C3288	ECUV1H150KBM	S.M. CAP	50V	15pF
C5103	359-21003	S.M. CAP	63V	10nF
C5104	ECQB1H332K	FILM	50V	3.3nF
C6301	ECEA1HFS470	ELECT	50V	47μF
C6407	ECKR1H102ZF5	CERAMIC	50V	1nF
C6408	ECCR1H561J	CERAMIC	50V	560pF
C6409	ECCR1H561J	CERAMIC	50V	560pF
C6410	ECKR1H102ZF5	CERAMIC	50V	1nF
C6411	ECEA50Y4R7	ELECT	50V	4R7μF
C6412	ECEA50Y4R7	ELECT	50V	4R7μF
C6432	ECKR1H102ZF5	CERAMIC	50V	1nF
C6434	ECKR1H103ZF	CERAMIC	50V	10nF
C6437	ECKR1H103ZF	CERAMIC	50V	10nF
C8101	360-22569	ELECT	40V	470μF
C8102	359-79519	S.M. CAP	63V	330nF
C8103	ECUV1H104JCH	S.M. CAP	50V	100nF
C8104	ECEA1CU101	ELECT	16V	100μF

Ref No.	Part No.	Description			
C8106	360-22574	ELECT	40V		100μF
<b>RESISTORS</b>					
R101	ERJ6GMYJ562	S.M.CARB	0.1W	5%	5K6Ω
R102	ERJ6GMYJ333	S.M.CARB	0.1W	5%	33KΩ
R105	ERJ6GMYJ2R2	S.M.CARB	0.1W	5%	2R2Ω
R107	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R110	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R111	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R114	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R116	ERJ6GMYJ472	S.M.CARB	0.1W	5%	4K7Ω
R118	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R122	ERJ6GMYJ821	S.M.CARB	0.1W	5%	820Ω
R123	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R126	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R130	ERJ6GMYJ2R2	S.M.CARB	0.1W	5%	2R2Ω
R131	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R133	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω
R134	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R203	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R206	ERG2ANJ223	METAL	2W	5%	22KΩ
R206	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R212	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R213	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R215	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R219	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R224	ERJ6GMYJ560	S.M.CARB	0.1W	5%	56Ω
R227	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R228	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R231	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R304	364-14978	S.M.CARB	0.1W	5%	0R0Ω
R304	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R308	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R309	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R317	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R320	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R321	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω
R325	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R329	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R336	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R341	364-11146	S.M.CARB	0.1W	5%	10KΩ
R342	ERJ8GICYJ104	FILM	0.125W	5%	100KΩ
R343	364-11146	S.M.CARB	0.1W	5%	10KΩ
R344	ERJ8GICYJ473	FILM	0.125W	5%	47KΩ
R352	364-16707	S.M.CARB	0.1W	5%	1K8Ω
R353	ERJ8GICYJ331	FILM	0.125W	5%	330Ω
R354	ERJ8GICYJ562	FILM	0.125W	5%	5K6Ω
R356	ERJ8GICYJ334	FILM	0.125W	5%	330KΩ
R362	365-77681	S.M.CARB	0.1W	5%	820Ω
R364	ERDS2TJ330T	CARBON	0.25W	5%	820Ω
R366	366-17757	S.M.CARB	0.1W	5%	100Ω
R371	364-12441	S.M.CARB	0.1W	5%	2K7Ω
R372	ERJ8GICYJ122	FILM	0.125W	5%	1K2Ω
R374	ERDS1TJ104	CARBON	0.5W	5%	100KΩ
R376	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R378	365-77681	S.M.CARB	0.1W	5%	820Ω
R381	364-12441	S.M.CARB	0.1W	5%	2K7Ω
R382	ERJ8GICYJ122	FILM	0.125W	5%	1K2Ω
R383	364-14978	S.M.CARB	0.1W	5%	0R0Ω
R384	ERDS1TJ104	CARBON	0.5W	5%	100KΩ
R386	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R388	365-77681	S.M.CARB	0.1W	5%	820Ω
R391	364-12441	S.M.CARB	0.1W	5%	2K7Ω

Ref No.	Part No.	Description			
R392	ERJ8GICYJ122	FILM	0.125W	5%	1K2Ω
R393	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R394	ERDS1TJ104	CARBON	0.5W	5%	100KΩ
R396	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R398	365-77681	S.M.CARB	0.1W	5%	820Ω
R440	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R441	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R442	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R444	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R445	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R446	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R447	ERJ6GMYJ562	S.M.CARB	0.1W	5%	5K6Ω
R448	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R449	ERJ6GMYJ562	S.M.CARB	0.1W	5%	5K6Ω
R450	ERJ6GMYJ220	S.M.CARB	0.1W	5%	22Ω
R466	ERG3SJ471	METAL	3W	5%	470Ω
R468	ERG3SJ471	METAL	3W	5%	470Ω
R471	366-203111	S.M.CARB	0.1W	5%	470Ω
R472	ERDS2TJ103T	CARBON	0.25W	5%	10KΩ
R473	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R474	ERDS2TJ333T	CARBON	0.25W	5%	33KΩ
R478	ERDS2TJ333T	CARBON	0.25W	5%	33KΩ
R479	ERDS1TJ2R2	CARBON	0.5W	5%	2.2Ω
R481	366-203111	S.M.CARB	0.1W	5%	470Ω
R482	ERDS2TJ103T	CARBON	0.25W	5%	10KΩ
R483	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R484	ERDS2TJ333T	CARBON	0.25W	5%	33KΩ
R488	ERDS2TJ333T	CARBON	0.25W	5%	33KΩ
R489	ERDS1TJ2R2	CARBON	0.5W	5%	2.2Ω
R491	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R492	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R496	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R498	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R501	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R502	ERJ8GICYJ223	FILM	0.125W	5%	22KΩ
R511	364-11146	S.M.CARB	0.1W	5%	10KΩ
R512	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R521	364-11146	S.M.CARB	0.1W	5%	10KΩ
R521	ERQ14AJ3R3	METAL	0.25W	5%	3R3Ω ▲
R526	ERDS2TJ560T	CARBON	0.25W	5%	56Ω
R527	ERDS1TJ222	CARBON	0.5W	5%	2K2Ω
R528	ERDS1TJ222	CARBON	0.5W	5%	2K2Ω
R529	ERDS1TJ222	CARBON	0.5W	5%	2K2Ω
R530	ERDS1TJ222	CARBON	0.5W	5%	2K2Ω
R532	ERG4ANJ1R2	METAL	4W	5%	1R2Ω
R532	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R533	ERDS1TJ120	CARBON	0.5W	5%	12Ω
R539	43300303810	COIL			
R541	ERG1ANJ152	METAL	1W	5%	1K5Ω
R542	ERQ12AJ101	FUSABLE	0.5W	5%	10Ω ▲
R547	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω
R547	ERQ12HJ4R7	METAL	0.5W	5%	4R7Ω ▲
R548	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω
R548	ERQ14AJ330	METAL	0.25W	5%	33Ω ▲
R549	ERDS1TJ134	CARBON	0.5W	5%	130KΩ
R557	ERQ12HKR22	FUSIBLE	0.5W	5%	0R22Ω ▲
R561	ERQ12HJ1R5	FUSIBLE	0.5W	5%	1R5Ω ▲
R563	ERDS2TJ104T	CARBON	0.25W	5%	100KΩ
R564	ERDS2TJ223T	CARBON	0.25W	5%	22KΩ
R566	EROS2TKG4701	METAL	0.25W	1%	4K7Ω ▲
R567	ERDS2TJ472T	CARBON	0.25W	5%	4K7Ω
R568	ERDS2TJ1R5T	CARBON	0.25W	5%	1R5Ω
R569	EROS2TKG1500	METAL	0.25W	1%	150Ω ▲
R574	ERW12PTKR56C	WOUND	0.5W	10%	R56Ω ▲
R576	EROS2TKG1802	METAL	0.25W	1%	18KΩ ▲

Ref No.	Part No.	Description			
R577	EROS2TKG2202	METAL	0.25W	1%	22KΩ ▲
R578	EROS2TKG68R0	METAL	0.25W	1%	68Ω ▲
R579	EROS2TKG1002	METAL	0.25W	1%	10KΩ ▲
R583	EROS2TKG8201	METAL	0.25W	1%	8K2Ω ▲
R584	EROS2TKG8201	METAL	0.25W	1%	8K2Ω ▲
R585	EROS2TKG1202	METAL	0.25W	1%	12KΩ ▲
R586	EROS2TKG8201	METAL	0.25W	1%	8K2Ω ▲
R592	EROS2TKG3903	METAL	0.25W	1%	390KΩ ▲
R593	ERDS2TJ1R5T	CARBON	0.25W	5%	1R5Ω
R596	ERDS2TJ473T	CARBON	0.25W	5%	47KΩ
R597	ERDS2TJ475T	CARBON	0.25W	5%	4R7MΩ
R599	ERDS2TJ103T	CARBON	0.25W	5%	10KΩ
R613	ERF7ZK1R5	WOUND	7W	5%	1R5Ω ▲
R619	372-73056	THERMISTOR			
R621	ERG1ANJP563H	METAL	1W	5%	56KΩ
R622	ERDS1TJ824	CARBON	0.5W	5%	820KΩ
R623	ERDS2TJ472T	CARBON	0.25W	5%	4K7Ω
R624	ERDS2TJ121T	CARBON	0.25W	5%	120Ω
R625	ERG1ANJP563H	METAL	1W	5%	56KΩ
R626	ERG1ANJP563H	METAL	1W	5%	56KΩ
R627	ERDS2TJ103T	CARBON	0.25W	5%	10KΩ
R628	ERG3SJS393	METAL	3W	5%	39KΩ
R629	ERDS1TJ470	CARBON	0.5W	5%	47Ω
R630	ERDS2TJ270T	CARBON	0.25W	5%	27Ω
R631	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R632	ERDS2TJ151T	CARBON	0.25W	5%	150Ω
R633	ERDS2TJ332T	CARBON	0.25W	5%	3K3Ω
R639	367-19664	METAL	10MΩ		
R651	ERDS2TJ104T	CARBON	0.25W	5%	100KΩ
R667	ERDS2TJ472T	CARBON	0.25W	5%	4K7Ω
R668	EROS2TKF1802	METAL	0.25W	1%	18KΩ
R669	EROS2TKF4701	METAL	0.25W	1%	4K7Ω
R674	ERDS2TJ223T	CARBON	0.25W	5%	22KΩ
R676	ERDS2TJ472T	CARBON	0.25W	5%	4K7Ω
R677	EROS2TKF1002	METAL	0.25W	1%	10KΩ
R678	EROS2TKF1002	METAL	0.25W	1%	10KΩ
R679	ERDS1TJ474	CARBON	0.5W	5%	470KΩ
R681	ERDS1TJ2R2	CARBON	0.5W	5%	2.2Ω
R682	ERDS1TJ330	CARBON	0.5W	5%	33Ω
R683	ERDS1TJ471	CARBON	0.5W	5%	470Ω
R684	ERDS1TJ682	CARBON	0.5W	5%	6K8Ω
R685	ERG3SJ680	METAL	3W	5%	68Ω
R686	NKS2	S.M.CARB	0.1W	5%	0R1Ω
R687	NKS2	S.M.CARB	0.1W	5%	0R1Ω
R688	ERG3SJ680	METAL	3W	5%	68Ω
R696	ERDS2TJ473T	CARBON	0.25W	5%	47KΩ
R697	ERDS2TJ103T	CARBON	0.25W	5%	10KΩ
R698	ERDS2TJ102T	CARBON	0.25W	5%	1KΩ
R708	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R709	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R710	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R714	ERJ8GICYJ123	FILM	0.125W	5%	12KΩ
R723	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω
R808	ERJ6GMYJ561	S.M.CARB	0.1W	5%	560Ω
R812	ERJ6GMYJ104	S.M.CARB	0.1W	5%	100KΩ
R814	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R841	ERJ8GICYJ561	FILM	0.125W	5%	560Ω
R842	ERJ8GICYJ561	FILM	0.125W	5%	560Ω
R1001	ERQ12AJ3R3	FUSABLE	0.5W	5%	3R3Ω ▲
R1006	ERQ14AJ101	METAL	0.25W	5%	100Ω ▲
R1008	ERQ14AJ101	METAL	0.25W	5%	100Ω ▲
R1011	ERQ14AJ101	METAL	0.25W	5%	100Ω ▲
R1013	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1014	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω

Ref No.	Part No.	Description			
R1016	ERQ14AJ101	METAL	0.25W	5%	100Ω ▲
R1018	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1019	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1021	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1022	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1023	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1024	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1026	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1027	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1031	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1032	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1033	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1034	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1036	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1037	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1041	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1042	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1043	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1044	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1061	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1062	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1081	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω
R1082	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω
R1083	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1084	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1086	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1087	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1091	ERJ8GICYJ152	FILM	0.125W	5%	1K5Ω
R1092	ERJ8GICYJ152	FILM	0.125W	5%	1K5Ω
R1093	ERJ8GICYJ474	FILM	0.125W	5%	470KΩ
R1096	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1097	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1101	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R1103	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R1106	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R1107	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1108	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1111	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1112	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1116	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1117	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1118	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1119	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1121	ERJ8GICYJ561V	S.M.CARB	0.1W	5%	560Ω
R1122	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1123	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1124	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1126	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1127	ERJ8GICYJ682V	S.M.CARB	0.1W	5%	6K8Ω
R1128	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1129	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1131	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1132	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1136	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1137	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1138	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1139	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1141	ERJ8GICYJ561V	S.M.CARB	0.1W	5%	560Ω
R1142	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1143	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1144	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1146	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1147	ERJ8GICYJ682V	S.M.CARB	0.1W	5%	6K8Ω
R1148	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1149	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ

Ref No.	Part No.	Description			
R1151	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1152	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1156	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1161	ERJ8GICYJ560	FILM	0.125W	5%	56Ω
R1164	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1165	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1166	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω
R1167	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1168	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1169	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1171	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1172	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω
R1173	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1174	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1176	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1180	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R1181	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1182	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1183	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1184	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1186	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1187	ERJ8GICYJ561V	S.M.CARB	0.1W	5%	560Ω
R1188	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1189	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1191	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1192	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1193	ERJ8GICYJ682	FILM	0.125W	5%	6K8Ω
R1194	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1196	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1201	ERQ14AJ100	METAL	0.25W	5%	10Ω ▲
R1202	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1203	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1204	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1206	ERQ14AJ151	METAL	0.25W	5%	150Ω ▲
R1207	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1208	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1212	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1213	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1214	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1221	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1222	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1231	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1232	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1233	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1234	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω
R1236	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1237	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1238	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1239	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1251	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1252	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1253	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1254	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1261	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1262	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1263	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1264	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1266	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1267	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1268	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1271	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1272	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1273	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1274	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1276	ERJ8GICYJ470	FILM	0.125W	5%	47Ω

Ref No.	Part No.	Description			
R1279	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1281	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1282	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1283	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1305	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1310	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1311	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1312	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1314	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1315	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1317	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1318	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1323	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1324	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1331	ERJ8GICY0R00	WIRE LINK			
R1332	ERJ8GICY0R00	WIRE LINK			
R1341	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1342	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1343	ERJ8GICYJ683	FILM	0.125W	5%	68KΩ
R1344	ERJ8GICYJ683	FILM	0.125W	5%	68KΩ
R1346	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1347	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1349	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1350	ERJ8GICYJ223V	S.M.CARB	0.1W	5%	22KΩ
R1351	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1352	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1353	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1354	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1356	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1357	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1361	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1362	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1366	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1368	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1369	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω
R1371	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1372	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1376	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1378	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1379	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω
R1382	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1385	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1386	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1387	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1388	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1389	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω
R1392	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1395	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1396	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1397	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1398	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1399	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω
R1504	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1506	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1507	ERJ8GICYJ123V	S.M.CARB	0.1W	5%	12KΩ
R1508	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1511	ERJ8GICYJ681	FILM	0.125W	5%	680Ω
R1523	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1524	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1541	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1542	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1543	ERJ8GICYJ680	FILM	0.125W	5%	68Ω
R1544	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1546	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1547	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1603	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω

Ref No.	Part No.	Description			
R1604	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1606	364-11146	S.M.CARB	0.1W	5%	10KΩ
R1607	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R1611	ERJ8GICY0R00	WIRE LINK			
R1612	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1613	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω
R1614	ERJ8GICYJ271	FILM	0.125W	5%	270Ω
R1616	ERJ8GICYJ220V	S.M.CARB	0.1W	5%	22Ω
R1617	ERJ8GICYJ221	FILM	0.125W	5%	220Ω
R1618	ERJ8GICYJ271	FILM	0.125W	5%	270Ω
R1619	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1621	ERJ8GICYJ151	FILM	0.125W	5%	150Ω
R1622	ERJ8GICYJ560	FILM	0.125W	5%	56Ω
R1623	ERJ8GICYJ681	FILM	0.125W	5%	680Ω
R1624	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1628	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1632	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1634	ERJ8GICYJ104V	S.M.CARB	0.1W	5%	100KΩ
R1636	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ
R1637	ERJ8GICYJ470	FILM	0.125W	5%	47Ω
R1638	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1639	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1645	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1647	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1678	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1683	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω
R1701	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1702	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1706	ERJ8GICYJ104V	S.M.CARB	0.1W	5%	100KΩ
R1707	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1708	ERJ8GICYJ104V	S.M.CARB	0.1W	5%	100KΩ
R1709	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ
R1711	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω
R1712	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω
R1713	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω
R1716	ERJ8GICYJ750	FILM	0.125W	5%	75Ω
R1722	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1723	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1724	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ
R1728	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1729	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1731	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1756	ERJ8GICY0R00	WIRE LINK			
R1757	ERJ8GICY0R00	WIRE LINK			
R1758	ERJ8GICY0R00	WIRE LINK			
R1772	ERJ8GICYJ270	FILM	0.125W	5%	27Ω
R1773	ERJ8GICYJ270	FILM	0.125W	5%	27Ω
R1775	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1776	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1777	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1778	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1781	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1782	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R1783	ERJ8GICYJ750V	S.M.CARB	0.1W	5%	75Ω
R1792	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1793	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R1796	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1797	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1798	ERJ8GICYJ471	FILM	0.125W	5%	470Ω
R1807	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω
R1808	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1809	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1811	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1812	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω
R1813	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R1814	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω

Ref No.	Part No.	Description				
R1815	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1816	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ	
R1817	ERJ8GICYJ563V	FILM	0.125W	5%	56KΩ	
R1818	ERJ8GICYJ393	FILM	0.125W	5%	39KΩ	
R1819	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1821	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R1822	ERJ8GICYJ392	FILM	0.125W	5%	3K9Ω	
R1823	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1824	ERJ8GICYJ473V	S.M.CARB	0.1W	5%	47KΩ	
R1825	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1826	ERJ8GICYJ563V	FILM	0.125W	5%	56KΩ	
R1827	ERJ8GICYJ393	FILM	0.125W	5%	39KΩ	
R1828	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1829	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R1831	ERJ8GICYJ392	FILM	0.125W	5%	3K9Ω	
R1832	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1834	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1835	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1837	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1838	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω	
R1839	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1840	ERJ8GICY0R00	WIRE LINK				
R1841	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1842	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1843	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1844	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1846	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1847	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1848	ERJ8GICY0R00	WIRE LINK				
R1849	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1851	ERJ8GICYJ222	FILM	0.125W	5%	2K2Ω	
R1852	ERJ8GICYJ333	FILM	0.125W	5%	33KΩ	
R1853	ERJ8GICYJ683	FILM	0.125W	5%	68KΩ	
R1859	ERJ8GICYJ561V	S.M.CARB	0.1W	5%	560Ω	
R1860	ERJ8GICYJ221	FILM	0.125W	5%	220Ω	
R1861	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω	
R1862	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω	
R1863	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1864	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1865	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1866	ERJ8GICYJ272	FILM	0.125W	5%	2K7Ω	
R1876	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1881	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1882	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1884	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1886	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1888	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1891	ERJ8GICYJ223V	S.M.CARB	0.1W	5%	22KΩ	
R1892	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1893	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1894	ERJ8GICYJ562V	FILM	0.125W	5%	5K6Ω	
R1896	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω	
R1897	ERJ8GICYJ562V	FILM	0.125W	5%	5K6Ω	
R1898	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1899	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω	
R1907	ERJ8GICYJ273	FILM	0.125W	5%	27KΩ	
R1908	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1909	ERJ8GICYJ124	FILM	0.125W	5%	120KΩ	
R1911	ERJ8GICYJ154	FILM	0.125W	5%	150KΩ	
R1912	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1916	ERJ8GICYJ221	FILM	0.125W	5%	220Ω	
R1917	ERJ8GICYJ124	FILM	0.125W	5%	120KΩ	
R1918	ERJ8GICYJ154	FILM	0.125W	5%	150KΩ	
R1919	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1921	ERJ8GICYJ472	FILM	0.125W	5%	4K7Ω	
R1922	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω	

Ref No.	Part No.	Description				
R1923	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1925	ERJ8GICYJ331V	S.M.CARB	0.1W	5%	330Ω	
R1941	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1951	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1952	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1953	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1954	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1956	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1957	ERJ8GICYJ100V	S.M.CARB	0.1W	5%	10Ω	
R1961	ERJ8GICYJ332	FILM	0.125W	5%	3K3Ω	
R1962	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R1963	ERJ8GICYJ153	FILM	0.125W	5%	15KΩ	
R1964	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ	
R1966	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R1967	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R1968	ERJ8GICYJ470	FILM	0.125W	5%	47Ω	
R1969	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ	
R2152	ERJ6GMYJ750	S.M.CARB	0.1W	5%	75Ω	
R2153	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2154	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2155	ERJ8GICY0R00	WIRE LINK				
R2156	ERJ6GMYJ750	S.M.CARB	0.1W	5%	75Ω	
R2157	ERJ8GICY0R00	WIRE LINK				
R2166	ERJ8GICY0R00	WIRE LINK				
R2167	ERJ8GICY0R00	WIRE LINK				
R2168	ERJ8GICY0R00	WIRE LINK				
R2169	ERJ8GICY0R00	WIRE LINK				
R2171	ERJ8GICY0R00	WIRE LINK				
R2172	ERJ8GICY0R00	WIRE LINK				
R2173	ERJ8GICY0R00	WIRE LINK				
R2174	ERJ8GICY0R00	WIRE LINK				
R2176	ERJ8GICY0R00	WIRE LINK				
R2177	ERJ8GICY0R00	WIRE LINK				
R2178	ERJ8GICY0R00	WIRE LINK				
R2179	ERJ8GICY0R00	WIRE LINK				
R2183	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2184	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2185	ERJ6GMYJ750	S.M.CARB	0.1W	5%	75Ω	
R2350	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2351	ERJ8GICY0R00	WIRE LINK				
R2352	ERJ6GMYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R2353	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω	
R2354	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω	
R2356	ERJ6GMYJ393	S.M.CARB	0.1W	5%	39KΩ	
R2357	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω	
R2358	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2359	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ	
R2361	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2362	ERJ6GMYJ221	S.M.CARB	0.1W	5%	220Ω	
R2363	ERJ6GMYJ560	S.M.CARB	0.1W	5%	56Ω	
R2364	364 - 14978	S.M.CARB	0.1W	5%	0R0Ω	
R2366	ERJ6GMYJ333	S.M.CARB	0.1W	5%	33KΩ	
R2367	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ	
R2368	ERJ6GMYJ333	S.M.CARB	0.1W	5%	33KΩ	
R2369	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2372	ERJ6GMYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R2373	ERJ6GMYJ151	S.M.CARB	0.1W	5%	150Ω	
R2374	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ	
R2375	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω	
R2376	ERJ6GMYJ681	S.M.CARB	0.1W	5%	680Ω	
R2377	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ	
R2378	ERJ6GMYJ681	S.M.CARB	0.1W	5%	680Ω	
R2379	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ	
R2380	ERJ6GMYJ681	S.M.CARB	0.1W	5%	680Ω	
R2381	ERJ6GICYJ332	S.M.CARB	0.1W	5%	3K3Ω	
R2382	ERJ6GICYJ332	S.M.CARB	0.1W	5%	3K3Ω	



Ref No.	Part No.	Description			
R2383	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R2384	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R2386	ERJ6GMYJ681	S.M.CARB	0.1W	5%	680Ω
R2387	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R2388	ERJ6GMYJ224	S.M.CARB	0.1W	5%	220KΩ
R2389	ERJ6GMYJ104	S.M.CARB	0.1W	5%	100KΩ
R2391	ERJ6GMYJ333	S.M.CARB	0.1W	5%	33KΩ
R2392	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2393	ERJ6GMYJ471	S.M.CARB	0.1W	5%	470Ω
R2394	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2396	ERJ6GMYJ333	S.M.CARB	0.1W	5%	33KΩ
R2397	ERJ6GMYJ104	S.M.CARB	0.1W	5%	100KΩ
R2398	ERJ6GMYJ104	S.M.CARB	0.1W	5%	100KΩ
R2399	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2403	ERJ6GMYJ183	S.M.CARB	0.1W	5%	18KΩ
R2407	ERJ8GCMY0R00	WIRE LINK			
R2411	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2412	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2413	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2414	ERJ6GMYJ472	S.M.CARB	0.1W	5%	4K7Ω
R2417	ERJ6GMYJ104	S.M.CARB	0.1W	5%	100KΩ
R2431	ERJ6GMYJ680	S.M.CARB	0.1W	5%	68Ω
R2436	ERJ6GMYJ680	S.M.CARB	0.1W	5%	68Ω
R2437	ERJ6GMYJ680	S.M.CARB	0.1W	5%	68Ω
R2438	ERJ8GCMY0R00	WIRE LINK			
R2450	ERJ8GCMY0R00	WIRE LINK			
R2482	ERJ8GCMY0R00	WIRE LINK			
R2487	ERJ8GCMY0R00	WIRE LINK			
R2488	ERJ8GCMY0R00	WIRE LINK			
R2489	ERJ8GCMY0R00	WIRE LINK			
R2495	ERJ6GMYJ680	S.M.CARB	0.1W	5%	68Ω
R2497	ERJ6GMYJ122	S.M.CARB	0.1W	5%	1K2Ω
R2498	ERJ6GMYJ181	S.M.CARB	0.1W	5%	180Ω
R2499	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R2501	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2502	ERJ6GMYJ562	S.M.CARB	0.1W	5%	5K6Ω
R2503	ERJ6GMYJ122	S.M.CARB	0.1W	5%	1K2Ω
R2504	ERJ6GMYJ271	S.M.CARB	0.1W	5%	270Ω
R2505	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2511	ERJ6GMYJ680	S.M.CARB	0.1W	5%	68Ω
R2512	ERJ6GMYJ122	S.M.CARB	0.1W	5%	1K2Ω
R2513	ERJ6GMYJ220	S.M.CARB	0.1W	5%	22Ω
R2514	ERJ6GMYJ473	S.M.CARB	0.1W	5%	47KΩ
R2516	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2517	ERJ6GMYJ562	S.M.CARB	0.1W	5%	5K6Ω
R2518	ERJ6GMYJ122	S.M.CARB	0.1W	5%	1K2Ω
R2519	ERJ6GMYJ271	S.M.CARB	0.1W	5%	270Ω
R2521	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2526	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2533	ERJ8GCMY0R00	WIRE LINK			
R2536	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2537	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2538	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2541	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2542	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2543	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2544	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2546	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2547	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2548	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2549	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2551	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2552	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2553	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2554	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2577	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ

Ref No.	Part No.	Description			
R2601	ERJ6GMYJ470	S.M.CARB	0.1W	5%	47Ω
R2604	ERJ6GMYJ121	S.M.CARB	0.1W	5%	120Ω
R2611	ERJ6GMYJ470	S.M.CARB	0.1W	5%	47Ω
R2613	ERJ6GMYJ820	S.M.CARB	0.1W	5%	82Ω
R2621	ERJ6GMYJ470	S.M.CARB	0.1W	5%	47Ω
R2623	ERJ6GMYJ821	S.M.CARB	0.1W	5%	820Ω
R2643	ERJ8GCMYJ2R2	FILM	0.125W	5%	2R2Ω
R2644	ERJ8GCMYJ2R2	FILM	0.125W	5%	2R2Ω
R2646	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2647	ERJ6GMYJ223	S.M.CARB	0.1W	5%	22KΩ
R2651	ERJ6GMYJ821	S.M.CARB	0.1W	5%	820Ω
R2652	ERJ6GMYJ821	S.M.CARB	0.1W	5%	820Ω
R2653	ERJ6GMYJ821	S.M.CARB	0.1W	5%	820Ω
R2661	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R2662	ERJ6GMYJ392	S.M.CARB	0.1W	5%	3K9Ω
R2663	ERJ6GMYJ392	S.M.CARB	0.1W	5%	3K9Ω
R2666	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2667	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2668	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2669	ERJ6GMYJ823	S.M.CARB	0.1W	5%	82KΩ
R2671	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2672	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2673	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2674	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R2750	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R2757	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2766	ERJ8GCMY0R00	WIRE LINK			
R2767	ERJ6GMYJ820	S.M.CARB	0.1W	5%	82Ω
R2768	ERJ6GMYJ222	S.M.CARB	0.1W	5%	2K2Ω
R2784	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2786	ERJ6GMYJ100	S.M.CARB	0.1W	5%	10Ω
R2951	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R2952	ERJ6GMYJ103	S.M.CARB	0.1W	5%	10KΩ
R2977	ERJ6GMYJ101	S.M.CARB	0.1W	5%	100Ω
R2978	ERJ6GMYJ102	S.M.CARB	0.1W	5%	1KΩ
R3151	ERQ14AJ3R9	FUSIBLE	0.25W	5%	3R9Ω
R3160	ERJ8GCMYJ100	FILM	0.125W	5%	10Ω
R3161	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3162	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3163	ERJ8GCMYJ103V	FILM	0.125W	5%	10KΩ
R3164	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3165	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3166	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3167	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3168	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3169	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3170	ERJ8GCMYJ100	FILM	0.125W	5%	10Ω
R3171	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3172	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3173	ERJ8GCMYJ103V	FILM	0.125W	5%	10KΩ
R3174	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3175	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3176	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3177	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3178	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3179	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3180	ERJ8GCMYJ100	FILM	0.125W	5%	10Ω
R3181	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3182	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3183	ERJ8GCMYJ103V	FILM	0.125W	5%	10KΩ
R3184	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3185	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ
R3186	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3187	ERJ8GCMYJ471	FILM	0.125W	5%	470Ω
R3188	ERJ8GCMYJ102	FILM	0.125W	5%	1KΩ



Ref No.	Part No.	Description			
R3189	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R3201	ERJ8GICYJ562	FILM	0.125W	5%	5K6Ω
R3202	ERJ8GICYJ562	FILM	0.125W	5%	5K6Ω
R3203	ERJ8GICYJ562	FILM	0.125W	5%	5K6Ω
R3204	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R3206	364-11146	S.M.CARB	0.1W	5%	10KΩ
R3207	ERJ8GICYJ821	FILM	0.125W	5%	820Ω
R3211	367-21073	S.M.CARB	0.1W	5%	680Ω
R3212	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3213	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3214	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3216	ERJ8GICYJ563	FILM	0.125W	5%	56KΩ
R3217	364-10774	S.M.CARB	0.1W	5%	4K7Ω
R3218	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R3221	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R3222	364-15442	S.M.CARB	0.1W	5%	47Ω
R3226	364-10770	S.M.CARB	0.1W	5%	1K5Ω
R3227	364-10770	S.M.CARB	0.1W	5%	1K5Ω
R3228	364-10770	S.M.CARB	0.1W	5%	1K5Ω
R3236	ERJ6GMYJ124	S.M.CARB	0.1W	5%	120KΩ
R3241	ERJ8GICYJ334	FILM	0.125W	5%	330KΩ
R3242	364-12992	S.M.CARB	0.1W	5%	15KΩ
R3243	ERJ8GICYJ822	FILM	0.125W	5%	8K2Ω
R3244	364-10778	S.M.CARB	0.1W	5%	33KΩ
R3246	364-10778	S.M.CARB	0.1W	5%	33KΩ
R3248	ERJ8GICYJ100	FILM	0.125W	5%	10Ω
R3256	364-10736	S.M.CARB	0.1W	5%	220Ω
R3257	364-10736	S.M.CARB	0.1W	5%	220Ω
R3261	364-12993	S.M.CARB	0.1W	5%	3K9Ω
R3262	ERJ8GICYJ121	FILM	0.125W	5%	120Ω
R3263	ERJ8GICYJ220	FILM	0.125W	5%	22Ω
R3266	ERJ8GICYJ121	FILM	0.125W	5%	120Ω
R3267	364-12993	S.M.CARB	0.1W	5%	3K9Ω
R3268	ERJ8GICYJ220	FILM	0.125W	5%	22Ω
R3271	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3272	ERJ8GICYJ103V	FILM	0.125W	5%	10KΩ
R3273	ERJ8GICYJ2R2	FILM	0.125W	5%	2R2Ω
R3276	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3277	ERJ8GICYJ103V	FILM	0.125W	5%	10KΩ
R3278	ERJ8GICYJ2R2	FILM	0.125W	5%	2R2Ω
R3281	364-12993	S.M.CARB	0.1W	5%	3K9Ω
R3282	ERJ8GICYJ121	FILM	0.125W	5%	120Ω
R3283	ERJ8GICYJ220	FILM	0.125W	5%	22Ω
R3284	364-14978	S.M.CARB	0.1W	5%	0R0Ω
R3286	ERJ8GICYJ121	FILM	0.125W	5%	120Ω
R3287	364-12993	S.M.CARB	0.1W	5%	3K9Ω
R3288	ERJ8GICYJ220	FILM	0.125W	5%	22Ω
R3291	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3292	ERJ8GICYJ103V	FILM	0.125W	5%	10KΩ
R3293	ERJ8GICYJ2R2	FILM	0.125W	5%	2R2Ω
R3296	ERJ8GICYJ101	FILM	0.125W	5%	100Ω
R3297	ERJ8GICYJ103V	FILM	0.125W	5%	10KΩ
R3298	ERJ8GICYJ2R2	FILM	0.125W	5%	2R2Ω
R5104	ERDS1TJ2R2	CARBON	0.5W	5%	2.2Ω
R5105	ERDS2TJ2R2T	CARBON	0.25W	5%	2.2Ω
R5106	EROS2TKG1001	METAL	0.25W	1%	1KΩ ▲
R5107	EROS2TKG1001	METAL	0.25W	1%	1KΩ ▲
R5108	ERDS2TJ470T	CARBON	0.25W	5%	470Ω
R5109	EROS2TKG1001	METAL	0.25W	1%	1KΩ ▲
R6301	ERJ8GICYJ101V	S.M.CARB	0.1W	5%	100Ω
R6302	ERJ8GICYJ102V	S.M.CARB	0.1W	5%	1KΩ
R6303	ERJ8GICYJ103	FILM	0.125W	5%	10KΩ
R6311	ERJ8GICY0R00	WIRE LINK			
R6312	ERJ8GICY0R00	WIRE LINK			
R6313	ERJ8GICY0R00	WIRE LINK			
R6315	ERJ8GICY0R00	WIRE LINK			

Ref No.	Part No.	Description			
R6316	ERJ8GICY0R00	WIRE LINK			
R6317	ERJ8GICY0R00	WIRE LINK			
R6318	ERJ8GICY0R00	WIRE LINK			
R6319	ERJ8GICY0R00	WIRE LINK			
R6320	ERJ8GICY0R00	WIRE LINK			
R6407	ERG2SJ471	METAL	2W	5%	470Ω
R6408	ERG2SJ471	METAL	2W	5%	470Ω
R6409	ERDS1TJ151	CARBON	0.5W	5%	150Ω
R6410	ERDS1TJ151	CARBON	0.5W	5%	150Ω
R8101	364-14978	S.M.CARB	0.1W	5%	0R0Ω
R8102	364-15186	S.M.CARB	0.1W	5%	150Ω
R8104	364-14978	S.M.CARB	0.1W	5%	0R0Ω
R8106	ERJ8GICYJ391	FILM	0.125W	5%	390Ω
R8111	364-11146	S.M.CARB	0.1W	5%	10KΩ
R8112	364-11146	S.M.CARB	0.1W	5%	10KΩ
R8113	364-10774	S.M.CARB	0.1W	5%	4K7Ω
R8114	ERJ8GICYJ102	FILM	0.125W	5%	1KΩ
R8212	364-10737	S.M.CARB	0.1W	5%	330Ω

## DIODES

D101	BA582	DIODE
D105	BB620	DIODE
D107	BB620	DIODE
D110	351-20383	DIODE
D113	BB620	DIODE
D116	BB620	DIODE
D117	351-20383	DIODE
D203	BA582	DIODE
D206	351-20378	DIODE
D206	MA4300	DIODE
D208	351-20383	DIODE
D211	351-20383	DIODE
D212	351-20378	DIODE
D215	351-20378	DIODE
D302	BA582	DIODE
D304	BB515	DIODE
D309	BB515	DIODE
D314	BB515	DIODE
D341	LL4148	DIODE
D342	LL4148	DIODE
D354	LL4148	DIODE
D371	LL4148	DIODE
D381	LL4148	DIODE
D391	LL4148	DIODE
D418	351-20378	DIODE
D419	BB515	DIODE
D420	BB620	DIODE
D491	MA167TA5	DIODE
D526	MA165TA5	DIODE
D527	EU02	DIODE
D539	MS5C7390	DIODE
D547	TVSRU2MV1	DIODE
D557	TVSRU2MV1	DIODE
D561	BZY97C18	DIODE
D563	MA165TA5	DIODE
D567	MA4062TA	DIODE
D568	BZX79B5V6	DIODE
D590	BA157	DIODE
D613	B250-C3200	DIODE
D622	MA165TA5	DIODE
D624	BYW96-D	DIODE
D630	MA165TA5	DIODE
D636	MA165TA5	DIODE
D651	BYW96-D	DIODE

Ref No.	Part No.	Description
D652	BA159	DIODE
D656	BY298	DIODE
D661	BYW98-100	DIODE
D663	MA4120TA	DIODE
D665	MA165TA5	DIODE
D671	MA750LT	DIODE
D681	BA157	DIODE
D686	BY398	DIODE
D687	BY398	DIODE
D711	351-20383	DIODE
D713	351-20383	DIODE
D812	BB512	DIODE
D1206	TZMC5V1	DIODE
D1221	TZMC5V6	ZENER DIODE
D1222	TZMC5V6	ZENER DIODE
D1347	LL4148	DIODE
D1350	TZMC9V1	DIODE
D1351	LL4148	DIODE
D1352	LL4148	DIODE
D1476	LL4148	DIODE
D1477	LL4148	DIODE
D1506	LL4148	DIODE
D1507	LL4148	DIODE
D1622	LL4148	DIODE
D1678	TZMC20	DIODE
D1679	LL4148	DIODE
D1683	LL4148	DIODE
D1702	LL4148	DIODE
D1706	LL4148	DIODE
D1707	LL4148	DIODE
D1709	LL4148	DIODE
D1716	TZMC5V6	ZENER DIODE
D1724	LL4148	DIODE
D1726	LL4148	DIODE
D1776	TZMC5V6	ZENER DIODE
D1777	TZMC5V6	ZENER DIODE
D1778	TZMC5V6	ZENER DIODE
D1783	TZMC5V6	ZENER DIODE
D1784	LL4148	DIODE
D1786	LL4148	DIODE
D1796	LL4148	DIODE
D1797	LL4148	DIODE
D1917	LL4148	DIODE
D1941	TZMC5V6	ZENER DIODE
D1961	LL4148	DIODE
D1962	TZMC9V1	DIODE
D1963	LL4148	DIODE
D1966	LL4148	DIODE
D2351	LL4148	DIODE
D2366	LL4148	DIODE
D2407	LL4148	DIODE
D2501	BB619	DIODE
D2503	LL4148	DIODE
D2516	BB619	DIODE
D2518	LL4148	DIODE
D2661	LL4148	DIODE
D2666	LL4148	DIODE
D2667	LL4148	DIODE
D2668	LL4148	DIODE
D2669	LL4148	DIODE
D2766	LL4148	DIODE
D2767	TZMC5V6	ZENER DIODE
D3241	351-21893	DIODE
D5104	MA723TA5	DIODE
D5105	MA723TA5	DIODE
D5106	1N4148	DIODE

Ref No.	Part No.	Description
D5107	1N4148	DIODE
D6201	EU02	DIODE
D6202	EU02	DIODE
D6301	LN81RPH-JF4	DIODE
D6431	EU02	DIODE
D6432	EU02	DIODE
D6433	EU02	DIODE
D6434	EU02	DIODE
D6436	EU02	DIODE
D6437	EU02	DIODE
D8101	B40-C1000	DIODE
D8103	LL4148	DIODE
D8106	LL4148	DIODE
D8211	LL4148	DIODE

## INTEGRATED CIRCUITS

I371	TDA6111	I.C.
I381	TDA6111	I.C.
I391	TDA6111	I.C.
I401	TUA2009X	I.C.
I474	TDA2051	I.C.
I484	TDA2051	I.C.
I500	SDA3402	I.C.
I561	TDA8175	I.C.
I594	L165	I.C.
I611	TDA4605	I.C.
I666	TL431ACLP	I.C.
I676	TL431ACLP	I.C.
I1001	L78S10CV	I.C.
I1010	TEA6420	I.C.
I1020	TEA6420	I.C.
I1101	TEA6415-A	I.C. SWITCH
I1201	TEA6415-A	I.C. SWITCH
I1301	ACP2371	AUDIO CONTROL PROCESSOR
I1501	DPU2553	DEFLECTION PROCESSING UNIT
I1601	SAD2140	ANALOGUE TO DIGITAL CONVERTOR
I1629	SPU2243	SECAM PROCESSOR UNIT
I1631	ACVP2205	CHROMA PROCESSOR
I1651	MCU2600	I.C. MAIN CLOCK UNIT
I1771	TPU3040-12	I.C.
I1796	TC511000AJ-80I.C.	
I1801	CCU3000	I.C.
I1871	27C010-O4A	I.C.
I2151	MC13077DW	I.C.
I2351	TDA9151-B	I.C.
I2361	LM2902-M	I.C.
I2401	DTI2260	I.C.
I2416	74HS04T	I.C.
I2431	TMS4C2970	I.C.
I2461	TMS4C2970	I.C.
I2481	SAA4951	I.C.
I2495	74F08	I.C.
I2496	HCT4046	I.C.
I2510	74F08	I.C.
I2511	HCT4046	I.C.
I2526	78L05ACP	I.C.
I2531	83C652	I.C.
I2561	SAA4940	I.C.
I2571	SAA7158	I.C.
I2641	TDA4780	I.C.
I2646	L7808ABV	I.C.
I8101	78L05ACP	I.C.

Ref No.	Part No.	Description
<b>FILTERS</b>		
K837	386-10651	FILTER
K839	386-19408	FILTER
K842	386-10639	FILTER
<b>COILS</b>		
L100	298-19982	COIL
L101	297-19463	COIL
L103	298-18104	COIL
L105	297-19465	COIL
L108	297-19607	COIL
L118	297-19490	COIL
L122	297-19492	COIL
L123	297-19490	COIL
L201	ELER6R8KA	COIL
L203	298-16925	COIL
L204	298-16925	COIL
L205	43300303810	COIL
L206	297-19468	COIL
L206	43300303810	COIL
L209	297-19470	COIL
L210	297-19474	COIL
L214	297-19480	COIL
L219	297-19491	COIL
L221	297-19494	COIL
L229	297-19500	COIL
L230	297-19500	COIL
L302	297-19464	COIL
L304	297-19464	COIL
L307	297-19469	COIL
L311	297-19476	COIL
L312	297-19610	COIL
L313	297-19608	COIL
L315	297-19487	COIL
L317	297-19609	COIL
L324	297-19610	COIL
L325	297-19498	COIL
L326	297-19498	COIL
L351	298-24347	COIL
L366	298-18104	COIL
L431	297-19501	COIL
L432	297-19464	COIL
L433	297-19502	COIL
L434	297-19612	COIL
L479	298-24023	COIL
L489	298-24023	COIL
L521	ELER220KA	COIL
L538	297-23662	COIL
L539	43300303810	COIL
L541	278-24475	LINEARITY REGULATOR
L542	ELC08D055	COIL
L553	298-23144	COIL
L568	298-14991	COIL
L581	ELER220KA	COIL
L594	297-24810	COIL
L626	EXCELD35V	COIL
L650	298-19605	COIL
L650	EXCELD35V	COIL
L651	298-79726.001	COIL
L686	EXCELSA35T	COIL
L687	EXCELSA35T	COIL
L712	297-19406	COIL

Ref No.	Part No.	Description
L808	297-19403	COIL
L812	297-19403	COIL
L823	297-19406	COIL
L1301	ELEV4R7KA	COIL
L1304	ELEV4R7KA	COIL
L1308	ELEV4R7KA	COIL
L1321	297-12549	COIL
L1410	ELEV6R8KA	COIL
L1502	EXCELD35V	COIL
L1603	ELEV4R7KA	COIL
L1604	EXCELD35V	COIL
L1607	ELEMV1R5MA	COIL
L1609	ELEMV1R5MA	COIL
L1614	ELEV4R7KA	COIL
L1629	EXCELD35V	COIL
L1631	EXCELD35V	COIL
L1651	EXCELD35V	COIL
L1661	EXCELD35V	COIL
L1716	EXCELD35V	COIL
L1726	ELEV4R7KA	COIL
L1771	EXCELD35V	COIL
L1774	EXCELD35V	COIL
L1776	EXCEMT220BT	COIL
L1777	EXCEMT220BT	COIL
L1778	EXCEMT220BT	COIL
L1779	EXCEMT220BT	COIL
L1781	EXCEMT220BT	COIL
L1796	EXCELD35V	COIL
L1801	ELEV4R7KA	COIL
L1806	296-19281	COIL
L1837	ELEV4R7KA	COIL
L1871	EXCELD35V	COIL
L1885	296-19281	COIL
L1887	ELEV4R7KA	COIL
L1888	ELEV4R7KA	COIL
L1889	ELEV4R7KA	COIL
L1931	ELEV4R7KA	COIL
L1941	EXCELD35V	COIL
L1972	EXCELD35V	COIL
L1974	EXCELD35V	COIL
L2151	298-20025	COIL
L2174	297-12298	COIL
L2351	EXCELD35V	COIL
L2361	EXCELD35V	COIL
L2401	EXCELD35V	COIL
L2416	EXCELD35V	COIL
L2431	EXCELD35V	COIL
L2461	EXCELD35V	COIL
L2481	EXCELD35V	COIL
L2495	EXCELD35V	COIL
L2496	EXCELD35V	COIL
L2497	EXCELD35V	COIL
L2501	297-19403	COIL
L2510	EXCELD35V	COIL
L2511	EXCELD35V	COIL
L2512	EXCELD35V	COIL
L2516	297-19403	COIL
L2531	EXCELD35V	COIL
L2561	298-20025	COIL
L2571	298-20025	COIL
L2576	298-20025	COIL
L2581	298-20025	COIL
L2602	297-19403	COIL
L2612	297-19403	COIL
L2622	297-19403	COIL
L2641	ELEV100KA	COIL

Ref No.	Part No.	Description
L2665	EXCELD35V	COIL
L2783	296-24628	COIL
L2787	EXCELD35V	COIL
L2788	EXCELD35V	COIL
L3161	291-24195	LINE FILTER
L3171	291-24195	LINE FILTER
L3181	291-24195	LINE FILTER
L3256	298-24612	COIL
L5101	298-23503	COIL
L5102	297-24216	COIL
L6001	297-85944	COIL
L6403	ELEBT6R8KA	COIL
L6404	ELEBT6R8KA	COIL
L6413	ELC15E011	INDUCTOR COIL
L6414	ELC15E011	INDUCTOR COIL
L8101	387-22152	RELAY

## CONTROLS

P633	EVNDXAA00B13	CONTROL
P703	EVNDXAA00B24	CONTROL
P1161	EVNDXAA00B12	CONTROL

## TRANSISTORS

Q101	BF998R	TRANSISTOR
Q202	BF998R	TRANSISTOR
Q303	BF998-MO	TRANSISTOR
Q341	344-14979	TRANSISTOR
Q343	BC847B	TRANSISTOR
Q496	2SC3311ATA	TRANSISTOR
Q498	2SC3311ATA	TRANSISTOR
Q501	385-17297	TRANSISTOR
Q520	BC847B	TRANSISTOR
Q526	2SC3944RLB	TRANSISTOR
Q534	2SC4288	TRANSISTOR
Q624	BUZ91A	TRANSISTOR
Q663	BUZ71AF	TRANSISTOR
Q674	BUZ71AF	TRANSISTOR
Q681	2SA1309ATA	TRANSISTOR
Q682	BD536	TRANSISTOR
Q697	2SA1309ATA	TRANSISTOR
Q710	BC847B	TRANSISTOR
Q1091	BC817-25	TRANSISTOR
Q1092	BC817-25	TRANSISTOR
Q1117	BC817-25	TRANSISTOR
Q1122	344-14979	TRANSISTOR
Q1126	BC847B	TRANSISTOR
Q1137	BC817-25	TRANSISTOR
Q1142	344-14979	TRANSISTOR
Q1146	BC847B	TRANSISTOR
Q1166	BC847B	TRANSISTOR
Q1172	BC847B	TRANSISTOR
Q1183	BC817-25	TRANSISTOR
Q1188	344-14979	TRANSISTOR
Q1192	BC847B	TRANSISTOR
Q1221	BC847B	TRANSISTOR
Q1222	BC847B	TRANSISTOR
Q1231	344-14979	TRANSISTOR
Q1262	BC847B	TRANSISTOR
Q1273	BC847B	TRANSISTOR
Q1351	344-14979	TRANSISTOR
Q1369	BC850B	TRANSISTOR

Ref No.	Part No.	Description
Q1379	BC850B	TRANSISTOR
Q1389	BC850B	TRANSISTOR
Q1399	BC850B	TRANSISTOR
Q1524	BC847B	TRANSISTOR
Q1541	BC847B	TRANSISTOR
Q1546	BC847B	TRANSISTOR
Q1606	BC847B	TRANSISTOR
Q1613	BC847B	TRANSISTOR
Q1614	BC807-25	TRANSISTOR
Q1638	BC847B	TRANSISTOR
Q1702	BC847B	TRANSISTOR
Q1706	BC847B	TRANSISTOR
Q1708	BC847B	TRANSISTOR
Q1723	BC847B	TRANSISTOR
Q1728	344-14979	TRANSISTOR
Q1783	BC847B	TRANSISTOR
Q1816	BC847B	TRANSISTOR
Q1818	344-14979	TRANSISTOR
Q1822	BC847B	TRANSISTOR
Q1824	BC847B	TRANSISTOR
Q1827	344-14979	TRANSISTOR
Q1831	BC847B	TRANSISTOR
Q1839	BC847B	TRANSISTOR
Q1857	BC847B	TRANSISTOR
Q1864	BC847B	TRANSISTOR
Q1894	344-14979	TRANSISTOR
Q1898	BC847B	TRANSISTOR
Q1908	BC847B	TRANSISTOR
Q1911	BC847B	TRANSISTOR
Q1917	344-14979	TRANSISTOR
Q1918	BC847B	TRANSISTOR
Q1963	BC847B	TRANSISTOR
Q1967	BC847B	TRANSISTOR
Q2361	344-14979	TRANSISTOR
Q2372	BC847B	TRANSISTOR
Q2374	BC847B	TRANSISTOR
Q2376	BC847B	TRANSISTOR
Q2378	BC847B	TRANSISTOR
Q2389	BC639	TRANSISTOR
Q2411	BC847B	TRANSISTOR
Q2413	BC847B	TRANSISTOR
Q2504	BF550	TRANSISTOR
Q2519	BF550	TRANSISTOR
Q2551	BC847B	TRANSISTOR
Q2554	BC847B	TRANSISTOR
Q2671	BC847B	TRANSISTOR
Q2766	BC847B	TRANSISTOR
Q2978	BC847B	TRANSISTOR
Q3161	BC847B	TRANSISTOR
Q3162	344-14979	TRANSISTOR
Q3164	BC847B	TRANSISTOR
Q3166	344-14979	TRANSISTOR
Q3169	344-14979	TRANSISTOR
Q3171	BC847B	TRANSISTOR
Q3172	344-14979	TRANSISTOR
Q3174	BC847B	TRANSISTOR
Q3176	344-14979	TRANSISTOR
Q3179	344-14979	TRANSISTOR
Q3181	BC847B	TRANSISTOR
Q3182	344-14979	TRANSISTOR
Q3184	BC847B	TRANSISTOR
Q3186	344-14979	TRANSISTOR
Q3189	344-14979	TRANSISTOR
Q3206	BC847B	TRANSISTOR
Q3217	BC847B	TRANSISTOR
Q3221	BC847B	TRANSISTOR

Ref No.	Part No.	Description
Q3226	344-14979	TRANSISTOR
Q3236	BC847B	TRANSISTOR
Q3241	344-14979	TRANSISTOR
Q3246	BC847B	TRANSISTOR
Q3248	BC847B	TRANSISTOR
Q3261	BC847B	TRANSISTOR
Q3266	344-14979	TRANSISTOR
Q3271	BC636	TRANSISTOR
Q3276	BC635	TRANSISTOR
Q3281	BC847B	TRANSISTOR
Q3286	344-14979	TRANSISTOR
Q3291	BC636	TRANSISTOR
Q3296	BC635	TRANSISTOR
Q5101	2SD965RTA	TRANSISTOR
Q5102	2SD965RTA	TRANSISTOR
Q8111	BC847B	TRANSISTOR
Q8114	BC847B	TRANSISTOR

<b>SWITCHES</b>		
S6101	ESB99902V	POWER SWITCH ▲
S6301	EVQPF04R	SWITCH
S6302	EVQPF04R	SWITCH
S6303	EVQPF04R	SWITCH
S6304	EVQPF04R	SWITCH
S6305	EVQPF04R	SWITCH

Ref No.	Part No.	Description
S6306	EVQPF04R	SWITCH
S6307	EVQPF04R	SWITCH
S6308	EVQPF04R	SWITCH
S6309	EVQPF04R	SWITCH

<b>TRANSFORMERS</b>		
T526	297-23664	COIL
T531	276-23665	LINE TRANSFORMER ▲
T612	298-22306	CHOKE
T618	298-22306	CHOKE
T639	490-24105	TRANSFORMER
T5101	490-23475	TRANSFORMER
T5102	490-24218	TRANSFORMER
T8101	490-22142	POWER TRANSFORMER ▲

<b>CRYSTALS</b>		
X1654	TSS4005-B	CRYSTAL
X1656	TSS4006-B	CRYSTAL
X1787	385-23907	CRYSTAL
X1853	385-22560	CRYSTAL
X2151	TSS4006-B	CRYSTAL
X2537	385-23130	CRYSTAL

## PARTS FOR TX 29AD10C ONLY

Ref No.	Part No.	Description
<b>MISCELLANEOUS COMPONENTS</b>		
U201	26185187-051	TUNER/IF ▲
	86373-001	REAR COVER LABEL
J533	WIRE LINK	
J701	WIRE LINK	
J702	WIRE LINK	
J742	WIRE LINK	
J805	WIRE LINK	
J809	WIRE LINK	
J822	WIRE LINK	
J830	WIRE LINK	
U2100	39686138-056	PCB ▲
<b>CAPACITORS</b>		
C516	ECUV1H472JCN	S.M. CAP 50V 4.7nF
C546	ECUV1H472JCN	S.M. CAP 50V 4.7nF
C588	ECUV1H470JCN	S.M. CAP 50V 47pF
C601	ECUV1H472JCN	S.M. CAP 50V 4.7nF
C602	ECUV1H472JCN	S.M. CAP 50V 4.7nF
C703	ECUV1H224JCN	S.M. CAP 50V 220nF
C707	356-19514	S.M. CAP 25V 47nF
C711	ECUV1H120JCN	S.M. CAP 50V 12pF
C713	ECUV1H120JCN	S.M. CAP 50V 12pF
C714	360-19654	ELECT 35V 2R2μF
C721	356-19511	S.M. CAP 25V 100nF
C726	ECUV1H470JCH	S.M. CAP 50V 47pF
C740	356-19514	S.M. CAP 25V 47nF
C743	ECUV1H103JCN	S.M. CAP 50V 10nF
C814	356-19514	S.M. CAP 25V 47nF
C818	ECUV1H151JCH	S.M. CAP 50V 150pF
C821	356-19514	S.M. CAP 25V 47nF
C822	ECUV1H102JCN	S.M. CAP 50V 1nF
C823	ECUV1H390JCN	S.M. CAP 50V 39pF
C826	356-19511	S.M. CAP 25V 100nF
C839	ECUV1H102JCN	S.M. CAP 50V 1nF

Ref No.	Part No.	Description
<b>DIODES/IC's</b>		
D818	BA582	DIODE
D823	351-22189	DIODE
D824	351-22189	DIODE
I700	TDA3841	I.C.
I800	TDA3857	I.C.
I1941	X24C16-AD10C	I.C.
<b>FILTERS</b>		
K731	386-12644	FILTER
<b>COILS</b>		
L726	298-20037	COIL
<b>TRANSISTORS</b>		
Q701	290-20910	TRANSISTOR
Q721	BC847B	TRANSISTOR
Q839	BC847B	TRANSISTOR
<b>RESISTORS</b>		
R711	ERJ8GICYJ224	FILM 0.125W 5% 220KΩ
R715	ERJ8GICYJ123	FILM 0.125W 5% 12KΩ
R724	ERJ8GICYJ750	FILM 0.125W 5% 75Ω
R726	ERJ8GICYJ271	S.M.CARB 0.1W 5% 270Ω
R811	ERJ8GICYJ112	FILM 0.125W 5% 1K1Ω
R813	ERJ6GMYJ104	S.M.CARB 0.1W 5% 100KΩ
R818	ERJ6GMYJ330	S.M.CARB 0.1W 5% 33Ω
R823	ERJ6GMYJ222	S.M.CARB 0.1W 5% 2K2Ω
R838	ERJ6GMYJ222	S.M.CARB 0.1W 5% 2K2Ω
R839	ERJ6GMYJ103	S.M.CARB 0.1W 5% 10KΩ
R847	ERJ6GMYJ222	S.M.CARB 0.1W 5% 2K2Ω

# PARTS FOR TX29AD10F ONLY

Ref No.	Part No.	Description		
<b>MISCELLANEOUS COMPONENTS</b>				
U201	26185137-053	TUNER/IF		▲
P610	375-16056	CONTROL		
86373-002		REAR COVER LABEL		
J502	WIRE LINK			
J531	WIRE LINK			
J569	WIRE LINK			
J555	WIRE LINK			
J556	WIRE LINK			
J704	WIRE LINK			
J806	WIRE LINK			
J812	WIRE LINK			
J821	WIRE LINK			
J824	WIRE LINK			
J825	WIRE LINK			
J830	WIRE LINK			
J831	WIRE LINK			
J832	WIRE LINK			
J833	WIRE LINK			
J842	WIRE LINK			
J844	WIRE LINK			
J851	WIRE LINK			
U2100	39686138-051	PCB		▲
<b>CAPACITORS</b>				
C516	536-19514	S.M. CAP	25V	47nF
C534	356-12631	S.M. CAP	50V	47nF
C546	536-19514	S.M. CAP	25V	47nF
C562	ECQB1H104KF3	FILM	50V	100nF
C566	536-19514	S.M. CAP	25V	47nF
C588	ECUV1H472JCN	S.M. CAP	50V	4.7nF
C601	356-12418	S.M. CAP	50V	47pF
C602	356-12423	S.M. CAP	50V	47pF
C603	356-16339	S.M. CAP	50V	1.8pF
C604	356-15098	S.M. CAP	50V	47pF
C606	356-19514	S.M. CAP	25V	47nF
C607	ECQB1H104KF3	S.M. CAP	50V	100nF
C621	356-13275	S.M. CAP	50V	18pF
C622	356-15804	S.M. CAP	50V	18pF
C651	360-19514	S.M. CAP	25V	47nF
C652	36019996-025	ELECT	16V	47μF
C701	356-16292	S.M. CAP	50V	6.8pF
C702	356-13183	S.M. CAP	50V	6.8pF
C704	ECQB1H104KF3	S.M. CAP	50V	100nF
C707	ECQB1H104KF3	S.M. CAP	50V	100nF
C708	356-19445	S.M. CAP	50V	47nF
C709	356-19445	S.M. CAP	50V	47nF
C710	356-12631	S.M. CAP	50V	4.7nF
C711	356-16630	S.M. CAP	50V	1nF
C713	356-16661	S.M. CAP	50V	12pF
C714	36019659-025	S.M. CAP	16V	4.7μF
C730	356-15804-025	S.M. CAP	50V	39pF
C731	356-17069-025	S.M. CAP	50V	180pF
C732	356-12426	S.M. CAP	50V	100pF
C733	356-17853-025	S.M. CAP	50V	220pF
C734	356-17853-025	S.M. CAP	50V	220pF
C743	356-19514	S.M. CAP	25V	47nF
C751	356-12631	S.M. CAP	50V	4.7nF
C752	356-12420	S.M. CAP	50V	22pF
C753	356-19514	S.M. CAP	25V	47nF
C803	356-12413	S.M. CAP	25V	4.7pF
C804	36019659-025	S.M. CAP	16V	4.7μF

Ref No.	Part No.	Description		
C814	ECQB1H104KF3	S.M. CAP	50V	100nF
C816	356-15043	S.M. CAP	25V	470pF
C818	356-16803	S.M. CAP	25V	270pF
C819	356-17069-025	S.M. CAP	50V	180pF
C821	ECQB1H104KF3	S.M. CAP	50V	100nF
C822	356-19514	S.M. CAP	25V	47nF
C823	356-19514	S.M. CAP	25V	47nF
C824	356-12633	S.M. CAP	50V	47nF
C831	35615804-025	S.M. CAP	50V	39pF
C832	ECQB1H104KF3	S.M. CAP	50V	100nF
C835	36019654-025	ELECT	35V	2.2μF
C836	356-19514	S.M. CAP	25V	47nF
C837	356-19514	S.M. CAP	25V	47nF
C838	356-19514	S.M. CAP	25V	47nF
C839	356-19514	S.M. CAP	25V	47nF
C846	36019620-025	ELECT	16V	10μF
C848	356-12983	S.M. CAP	50V	3.3pF
C851	ECQB1H104KF3	S.M. CAP	50V	100nF
C854	356-19514	S.M. CAP	25V	47nF
C861	356-19514	S.M. CAP	25V	47nF
C862	356-12412	S.M. CAP	50V	27pF
C863	356-12411	S.M. CAP	50V	10pF
C864	356-19514	S.M. CAP	25V	47nF

## DIODES

D533	LL4148	DIODE
D534	LL4148	DIODE
D562	LL4148	DIODE
D604	BB515	DIODE
D606	LL4148	DIODE
D607	LL4148	DIODE
D609	LL4148	DIODE
D610	LL4148	DIODE
D712	BA582	DIODE
D734	BA582	DIODE
D748	LL4148	DIODE
D750	BA582	DIODE
D816	BA582	DIODE
D818	BA582	DIODE
D819	BA582	DIODE
D831	BB619	DIODE
D832	BB619	DIODE
D836	BA582	DIODE
D837	BA582	DIODE
D838	BA582	DIODE
D839	BA582	DIODE
D861	BA582	DIODE
D863	BA582	DIODE

## I.C.'s

I550	HEF4051	I.C.
I650	U4744	I.C.
I700	TDA3841	I.C.
I800	TDA3857	I.C.
I1941	X24C16-AD10F	I.C.

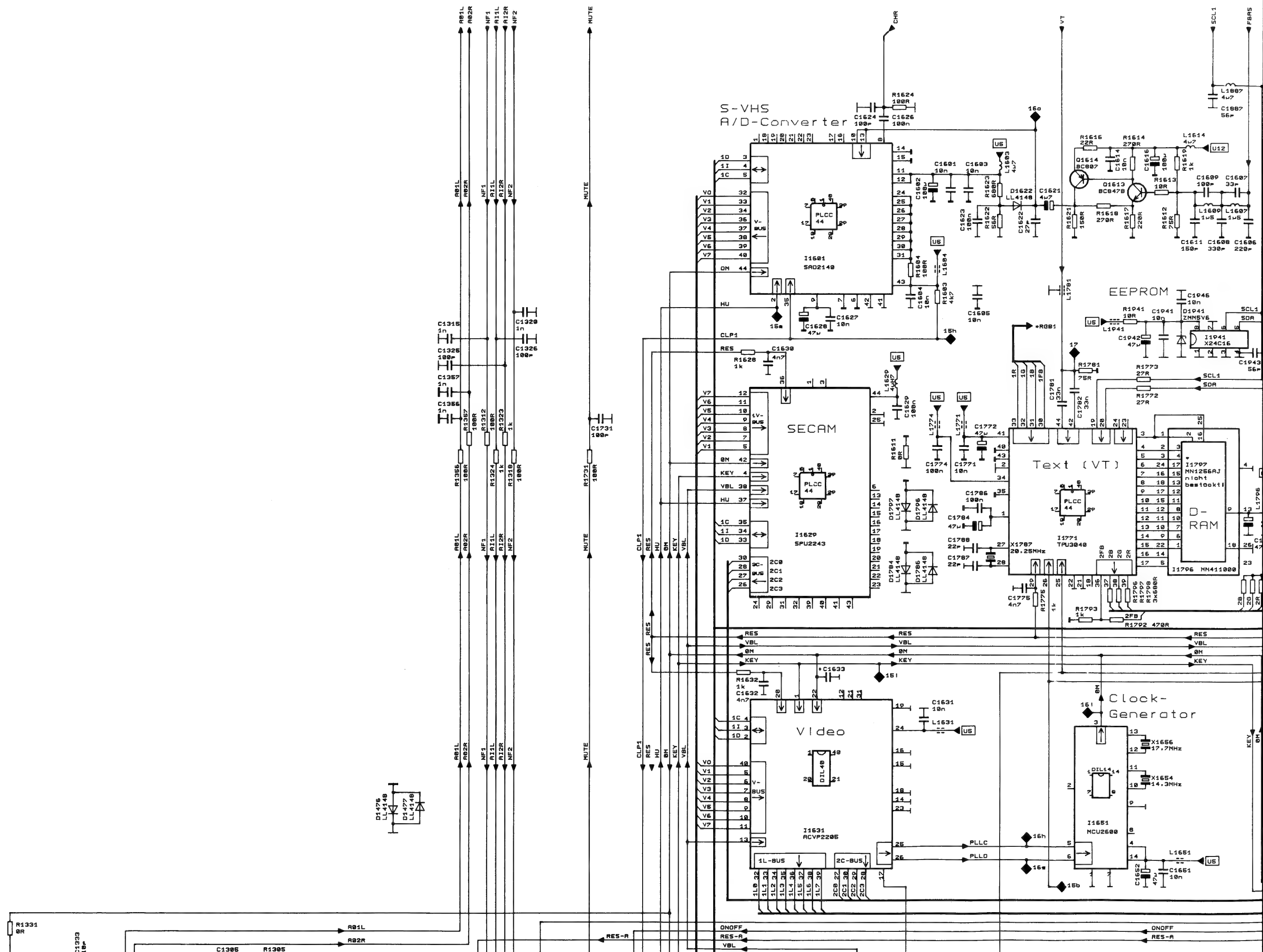
## CRYSTALS

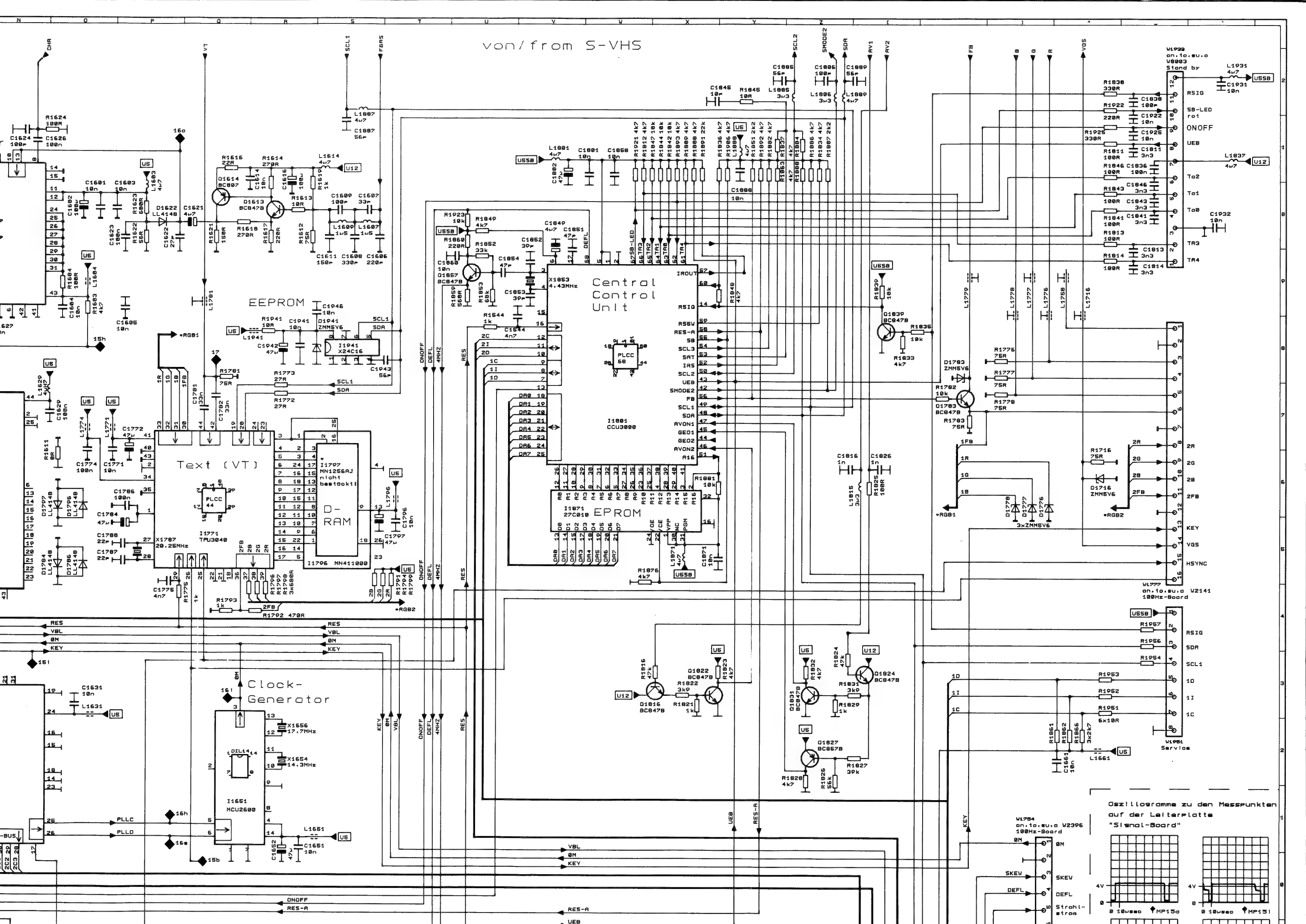
K836	38611087-020	CRYSTAL
K838	38619407-020	CRYSTAL



Ref No.	Part No.	Description
<b>COILS</b>		
L602	297-19395	COIL
L604	297-19396	COIL
L620	297-19397	COIL
L726	29819937-020	COIL
L731	297-19746	COIL
L831	297-19406	COIL
L850	29819604-020	COIL
<b>FILTERS</b>		
Q701	K3258	FILTER
Q704	L4450	FILTER
<b>TRANSISTORS</b>		
T610	BC847B	TRANSISTOR
T721	BC857B	TRANSISTOR
T744	BC817-25	TRANSISTOR
T850	BC857B	TRANSISTOR
T851	34417798	TRANSISTOR
T870	BC847B	TRANSISTOR
<b>RESISTORS</b>		
R531	ERJ8GCVJ223	FILM 0.125W 5% 22KΩ
R533	364-16730	FILM 0.125W 5% 47KΩ
R551	364-10778	FILM 0.125W 5% 33KΩ
R552	364-10778	FILM 0.125W 5% 33KΩ
R554	364-14655	FILM 0.125W 5% 33KΩ
R556	364-14655	FILM 0.125W 5% 33KΩ
R559	364-10778	FILM 0.125W 5% 33KΩ
R561	364-14655	FILM 0.125W 5% 33KΩ
R562	364-14655	FILM 0.125W 5% 33KΩ
R563	364-15776	FILM 0.125W 5% 820Ω
R566	364-15787	FILM 0.125W 5% 10Ω
R601	364-15926	FILM 0.125W 5% 1K5Ω
R602	364-15862	FILM 0.125W 5% 1KΩ
R604	364-15855	FILM 0.125W 5% 100KΩ

Ref No.	Part No.	Description
R606	364-14659	FILM 0.125W 5% 10KΩ
R607	364-15855	FILM 0.125W 5% 100KΩ
R608	364-15855	FILM 0.125W 5% 100KΩ
R609	364-16823	FILM 0.125W 5% 12KΩ
R620	364-15853	FILM 0.125W 5% 390Ω
R711	364-19363	FILM 0.125W 5% 220KΩ
R712	364-15788	FILM 0.125W 5% 22KΩ
R715	364-16823	FILM 0.125W 5% 12KΩ
R724	366-11015	FILM 0.125W 5% 75Ω
R726	364-15784	FILM 0.125W 5% 220Ω
R731	364-15788	FILM 0.125W 5% 22KΩ
R732	364-16112	FILM 0.125W 5% 100Ω
R734	364-14659	FILM 0.125W 5% 10KΩ
R745	364-20540	FILM 0.125W 5% 560KΩ
R746	364-19363	FILM 0.125W 5% 220KΩ
R747	364-20540	FILM 0.125W 5% 560KΩ
R748	364-12443	FILM 0.125W 5% 47KΩ
R753	364-14659	FILM 0.125W 5% 10KΩ
R754	364-15788	FILM 0.125W 5% 22KΩ
R811	364-15788	FILM 0.125W 5% 22KΩ
R813	364-10780	FILM 0.125W 5% 100KΩ
R818	364-16726	FILM 0.125W 5% 47Ω
R819	364-14662	FILM 0.125W 5% 82Ω
R821	364-10739	FILM 0.125W 5% 820Ω
R822	364-11247	FILM 0.125W 5% 12KΩ
R823	364-14659	FILM 0.125W 5% 10KΩ
R824	364-11146	FILM 0.125W 5% 10KΩ
R836	364-14659	FILM 0.125W 5% 10KΩ
R837	364-14659	FILM 0.125W 5% 10KΩ
R838	364-11146	FILM 0.125W 5% 10KΩ
R839	364-11146	FILM 0.125W 5% 10KΩ
R847	364-15862	FILM 0.125W 5% 1KΩ
R851	364-16823	FILM 0.125W 5% 12KΩ
R852	364-16725	FILM 0.125W 5% 8K2Ω
R853	364-14661	FILM 0.125W 5% 180Ω
R854	364-15779	FILM 0.125W 5% 560Ω
R861	364-10771	FILM 0.125W 5% 2K2Ω
R863	364-10771	FILM 0.125W 5% 2K2Ω
R864	364-14659	FILM 0.125W 5% 10KΩ
R871	364-11146	FILM 0.125W 5% 10KΩ
R872	364-14657	FILM 0.125W 5% 56KΩ
R873	364-10778	FILM 0.125W 5% 33KΩ





von / from S-VHS

Central  
Control  
Unit

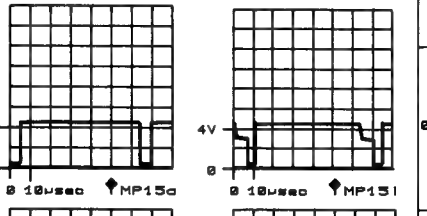
EEPROM

Text (VT)

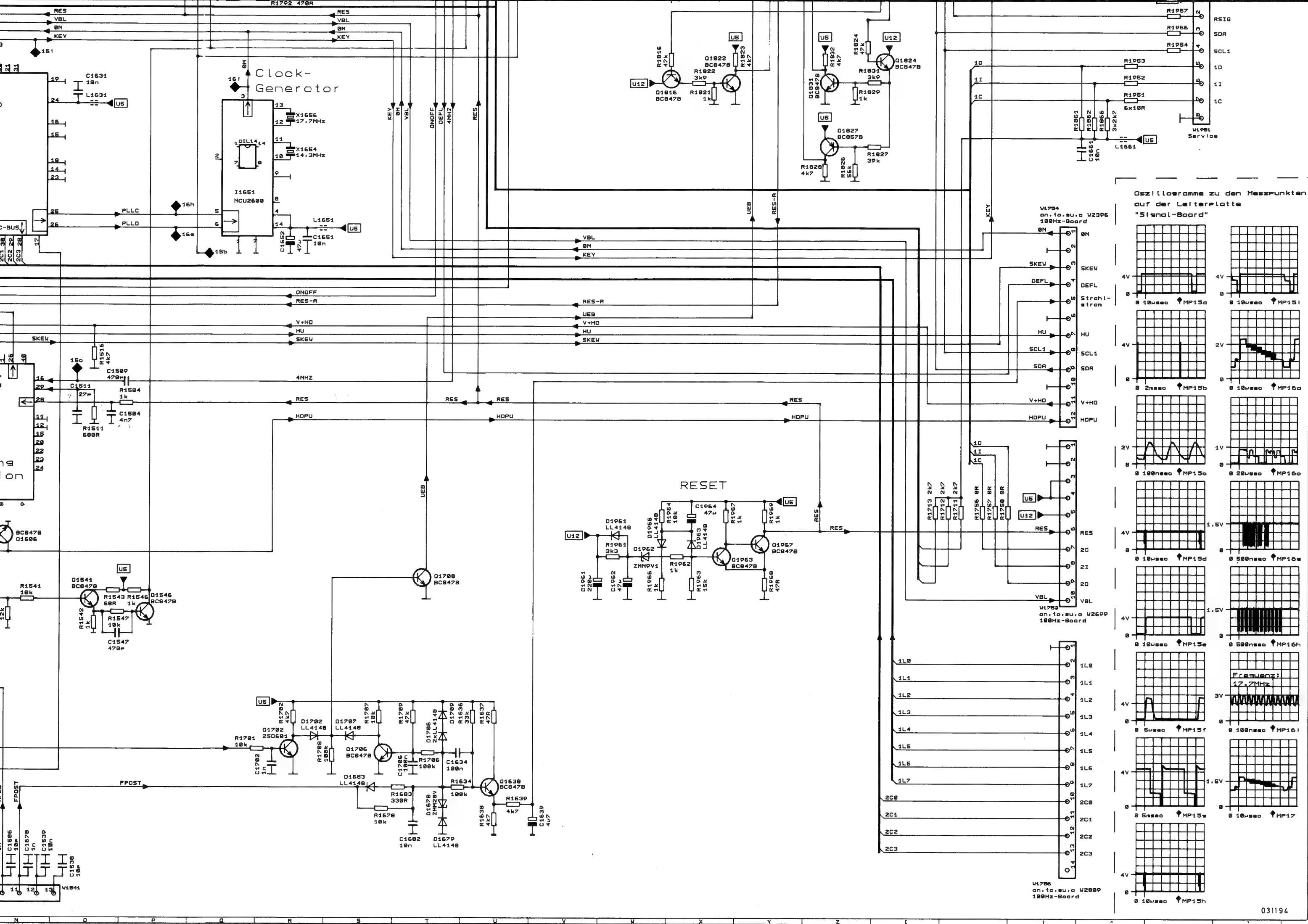
Clock-  
Generator

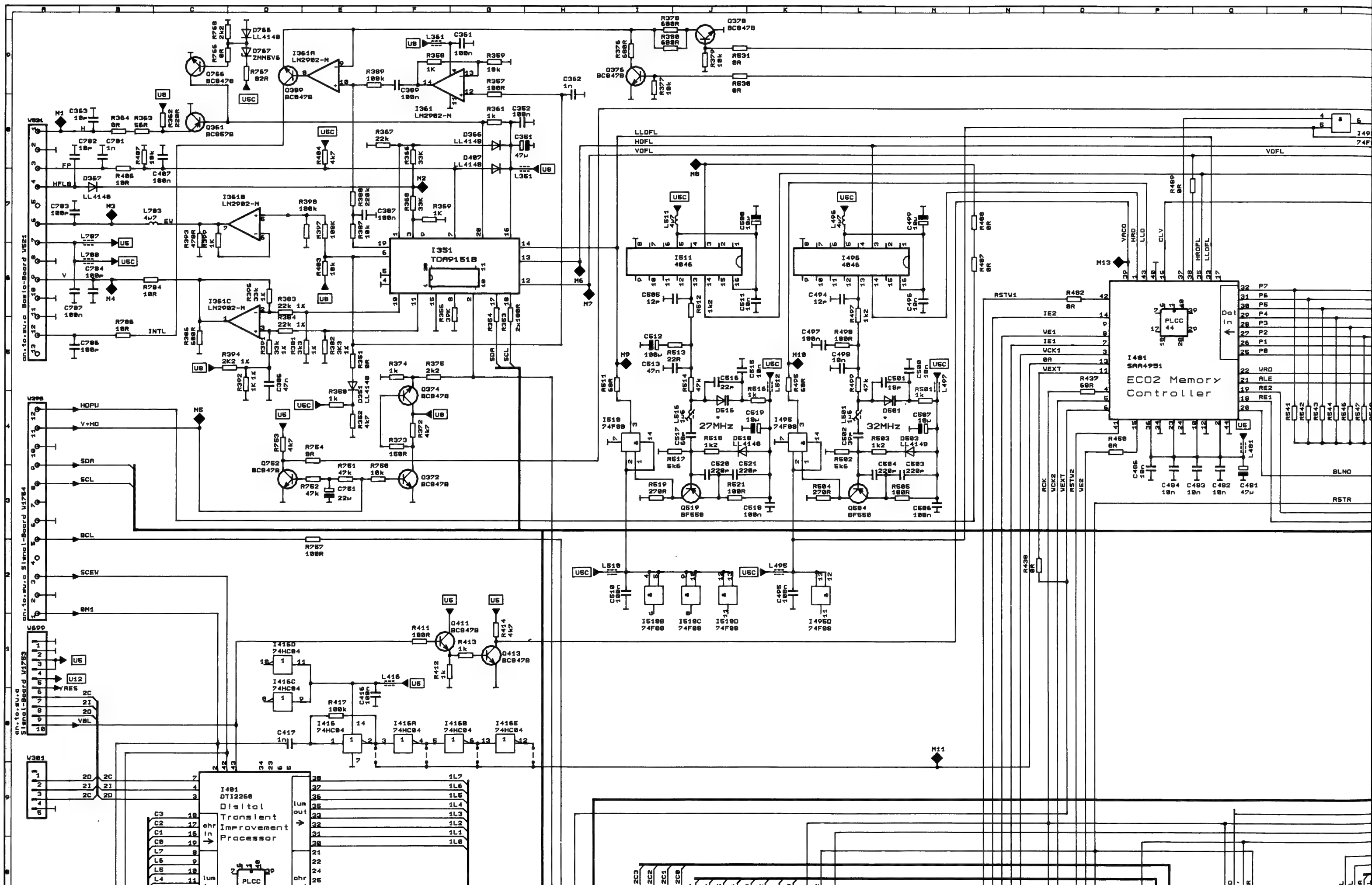
EPROM

Oszillogramme zu den Messpunkten  
auf der Leiterplatte  
"Signal-Board"

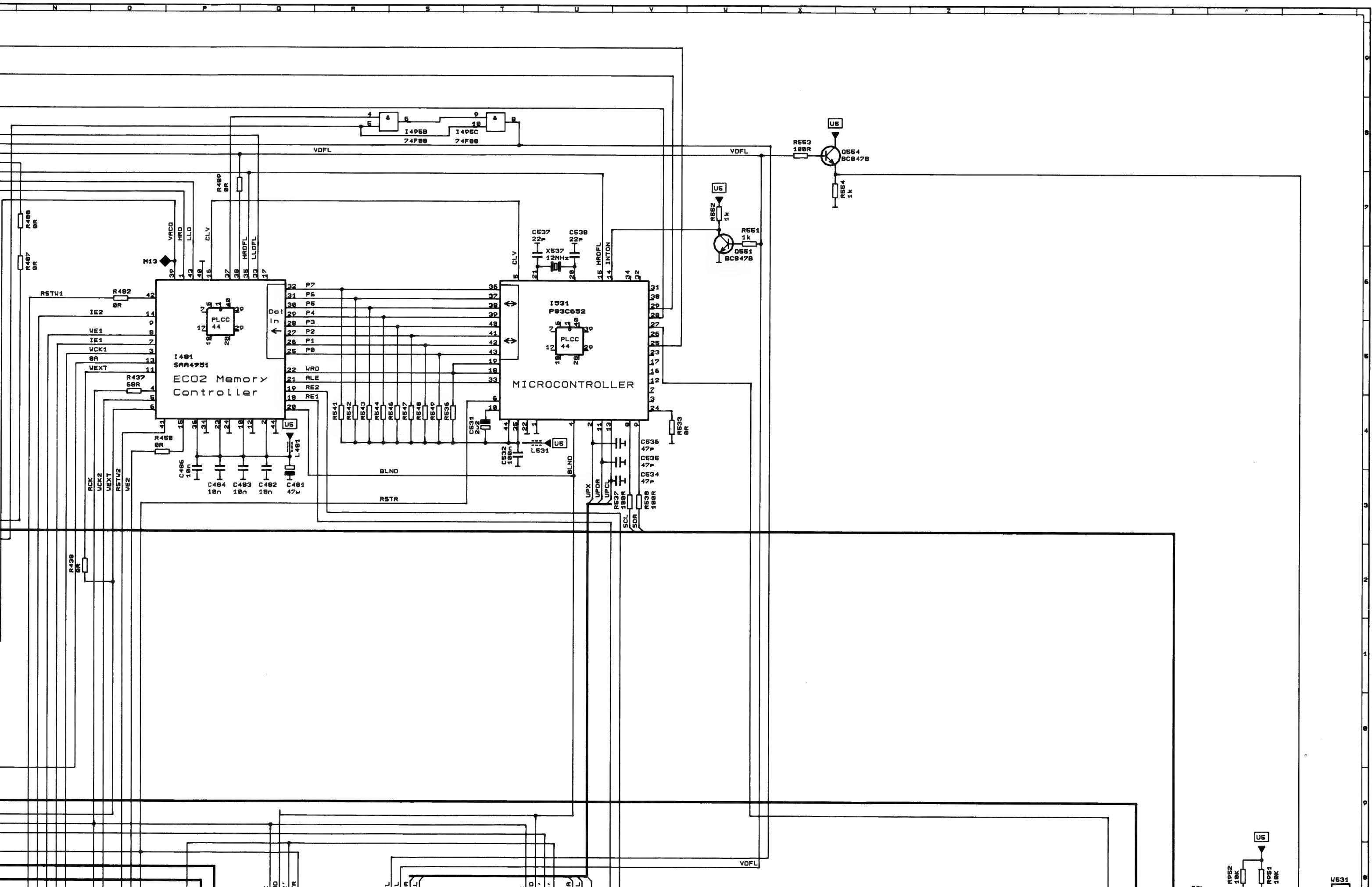


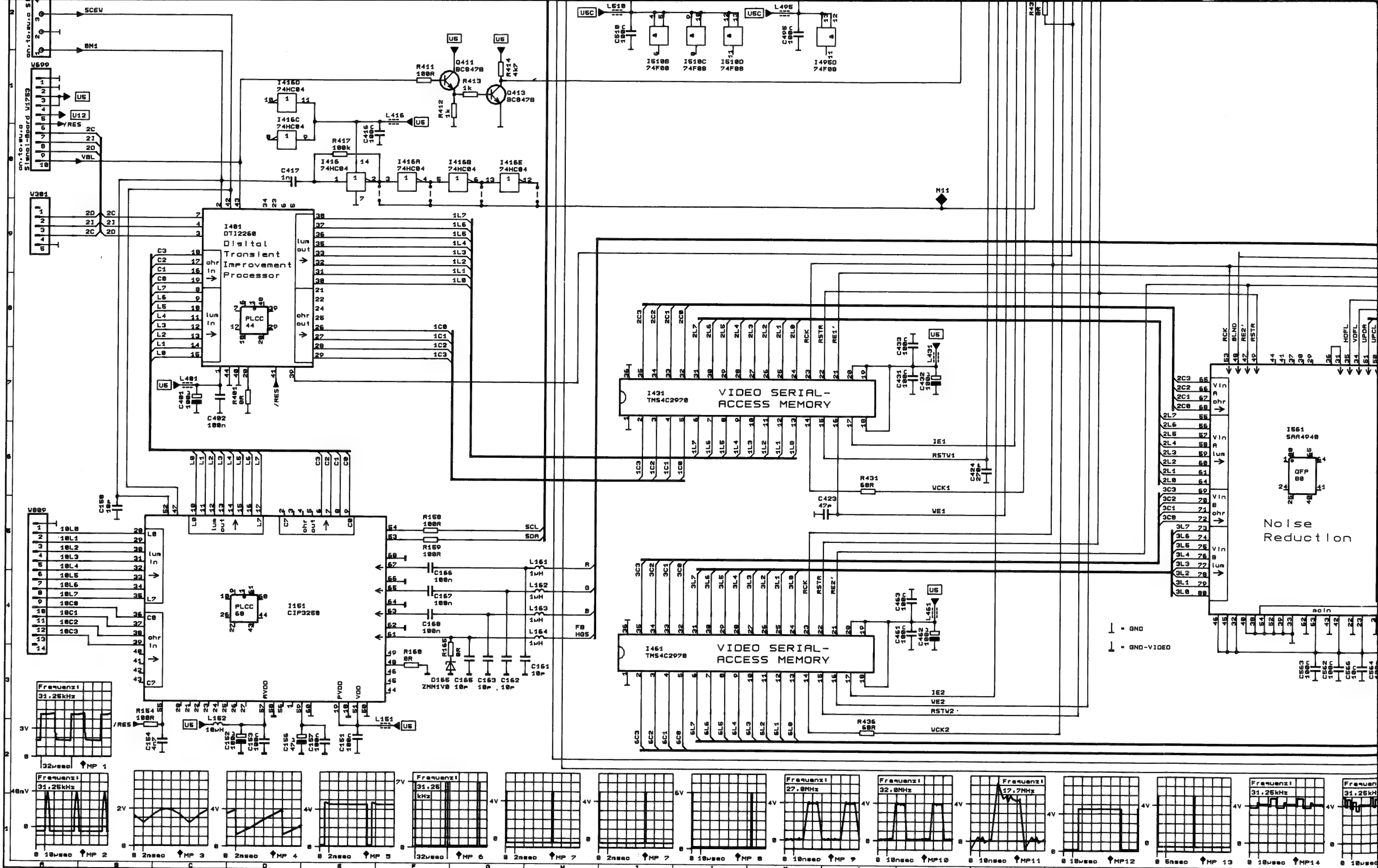


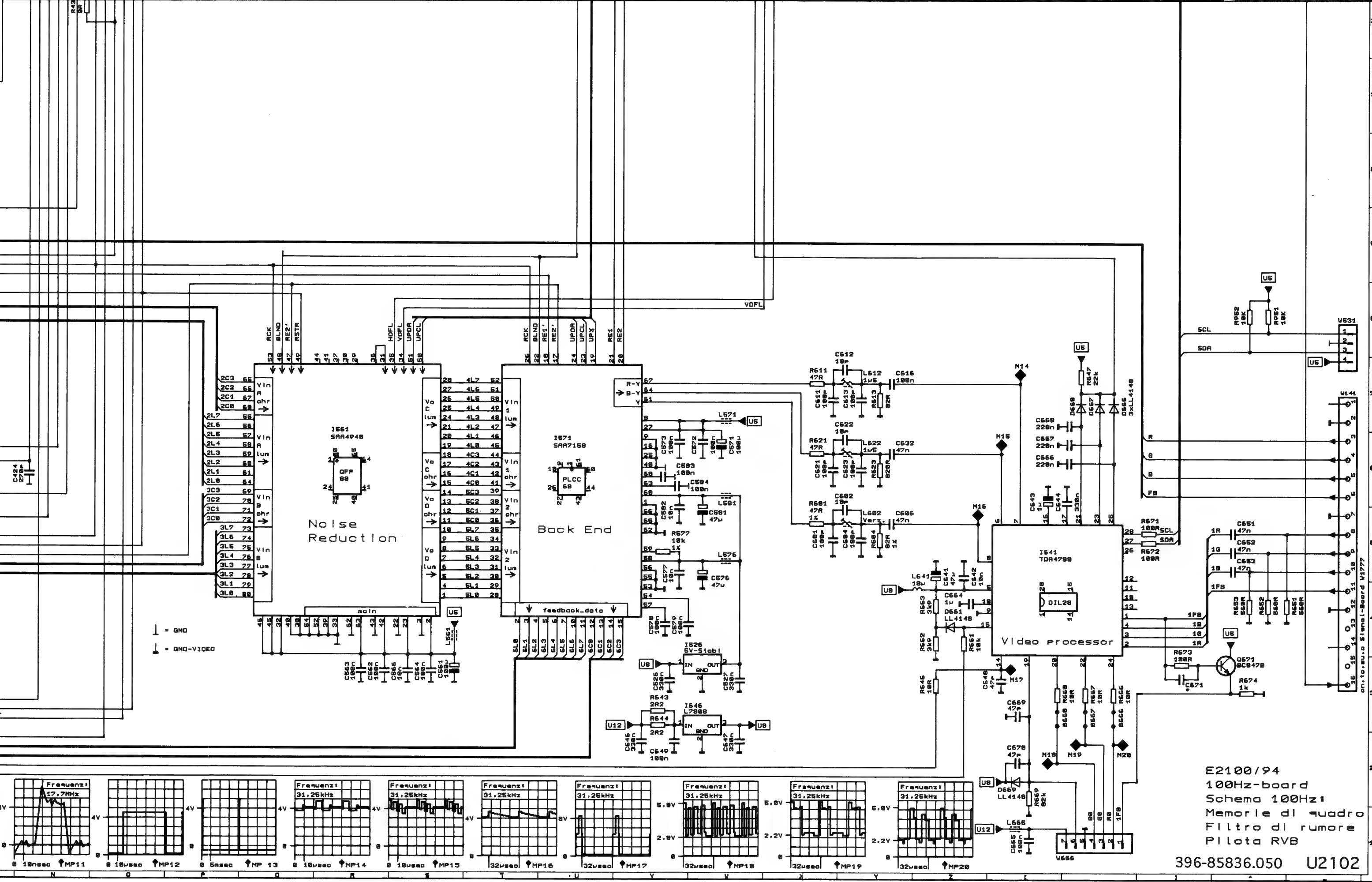






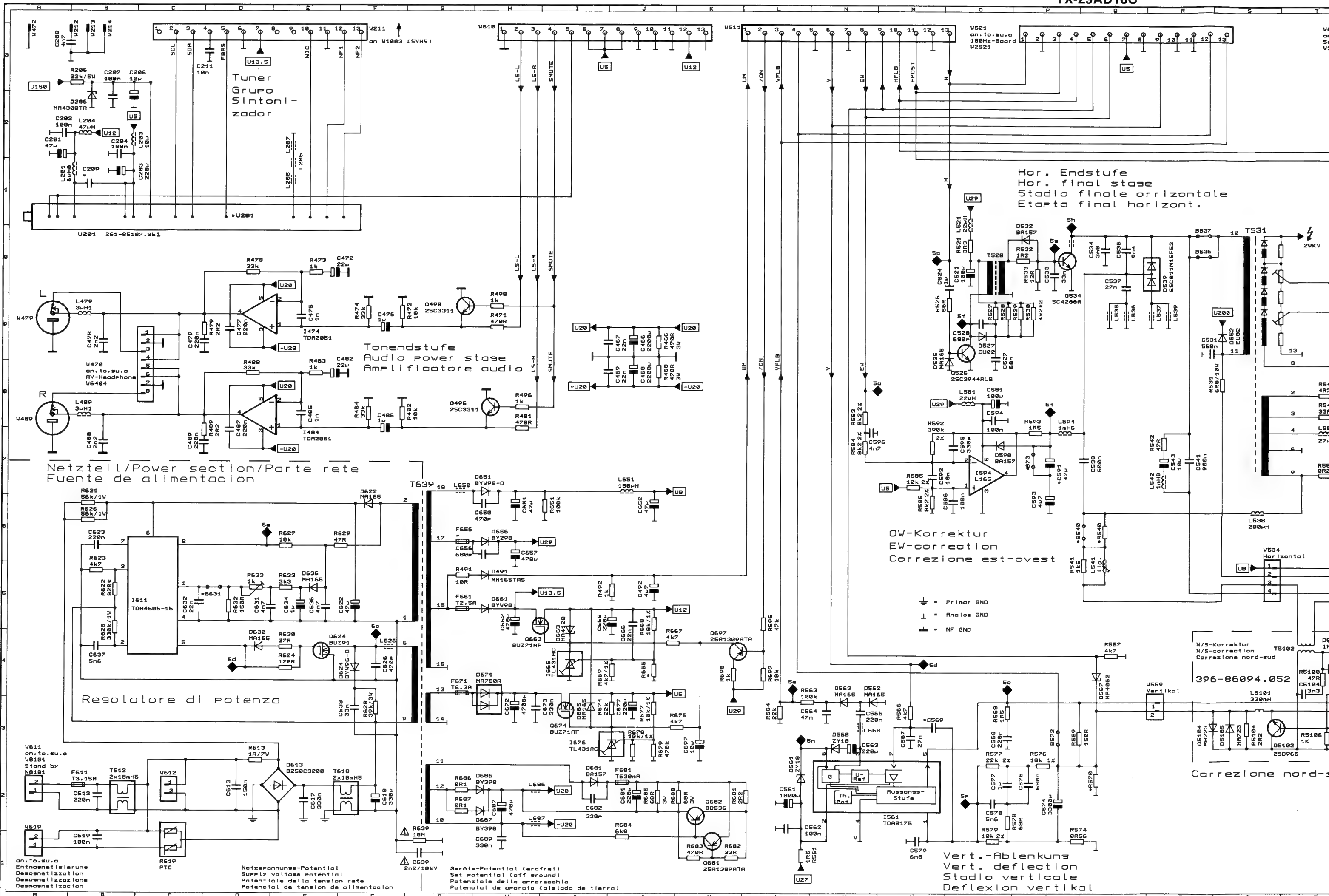






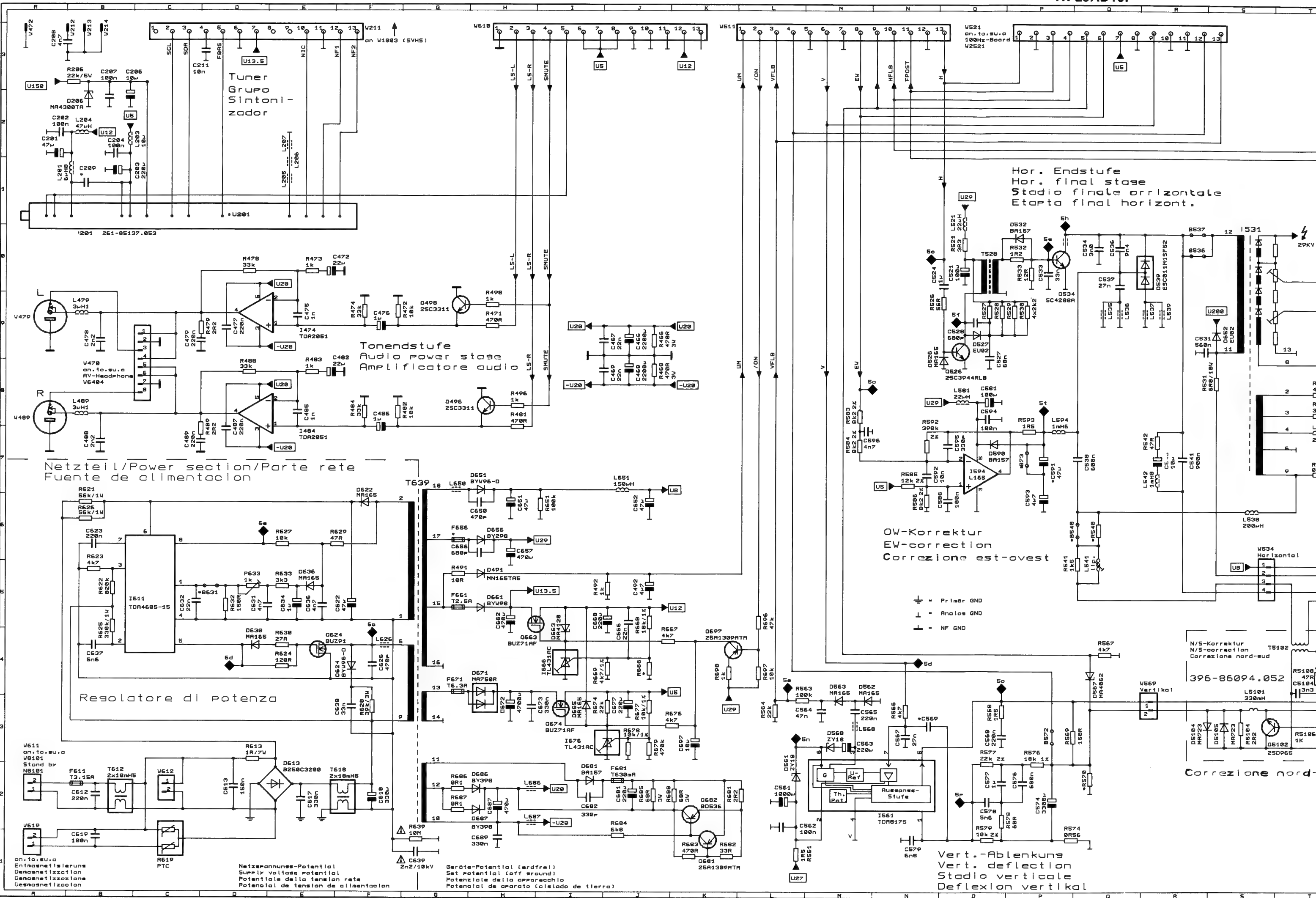
E2100/94  
 100Hz-board  
 Schema 100Hz:  
 Memorie di quadro  
 Filtro di rumore  
 Pilota RVB

396-85836.050 U2102







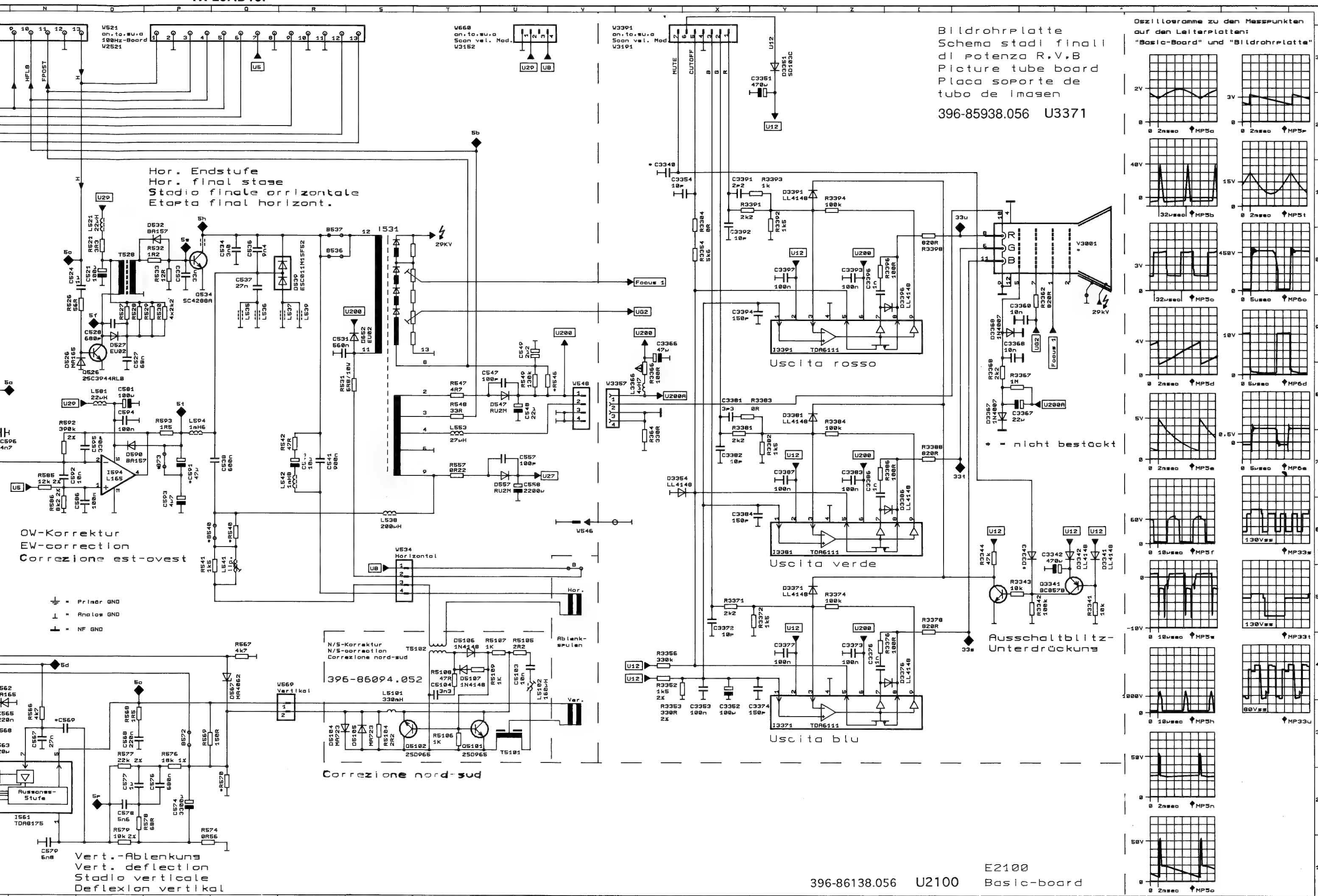


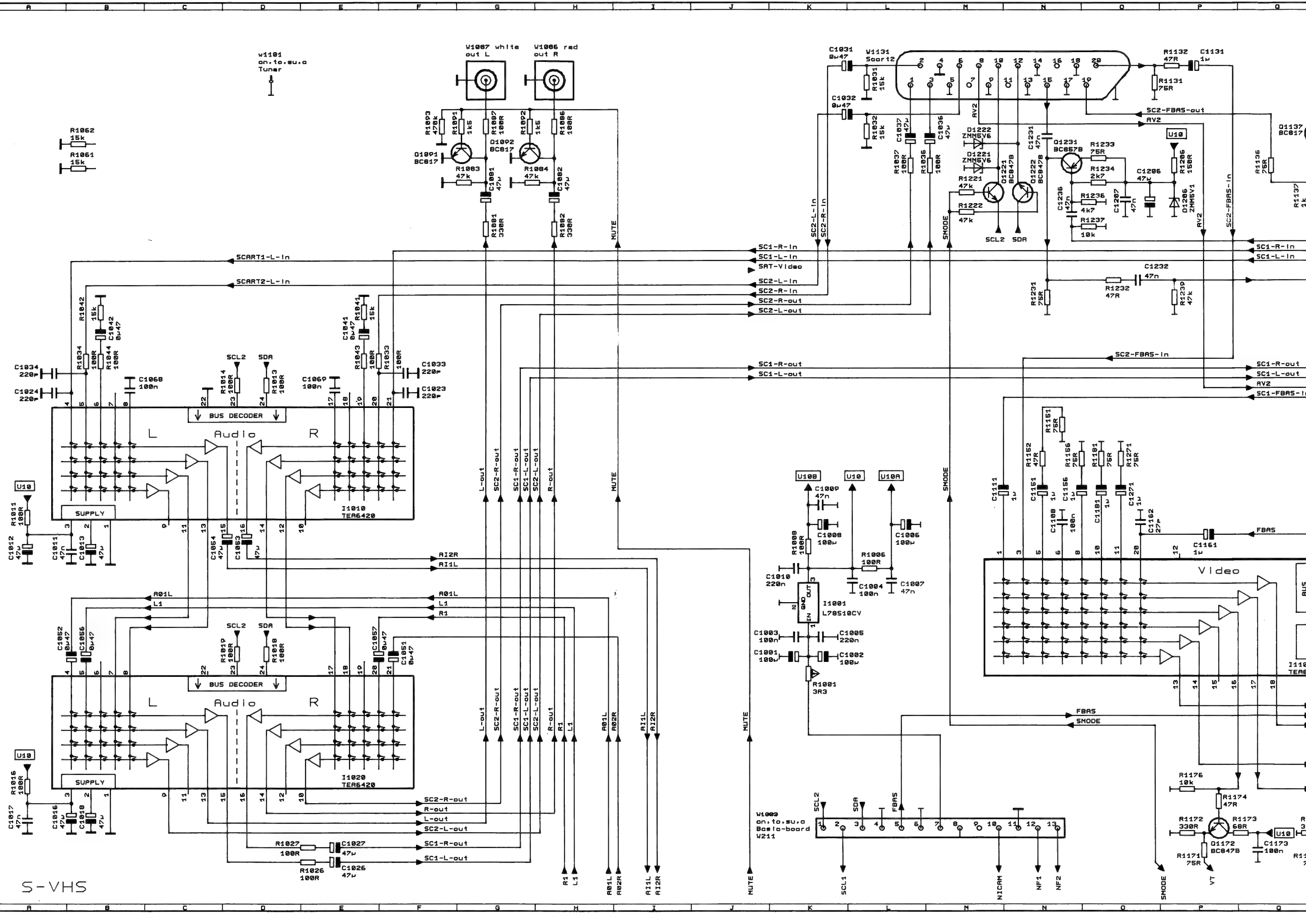
an-to.su.a  
Entsnetzlerung  
Desnetzierung  
Desnetzizzazione  
Desnetzization

Netzspannung-Potential  
Supply voltage potential  
Potenziale della tensione rete  
Potencial de tension de alimentacion

Geräte-Potential (erdfrei)  
Set potential (off ground)  
Potenziale della apparecchio  
Potencial de aparato (aislado de tierra)







V1101  
on.to.su.a  
Tuner

V1007 white  
out L

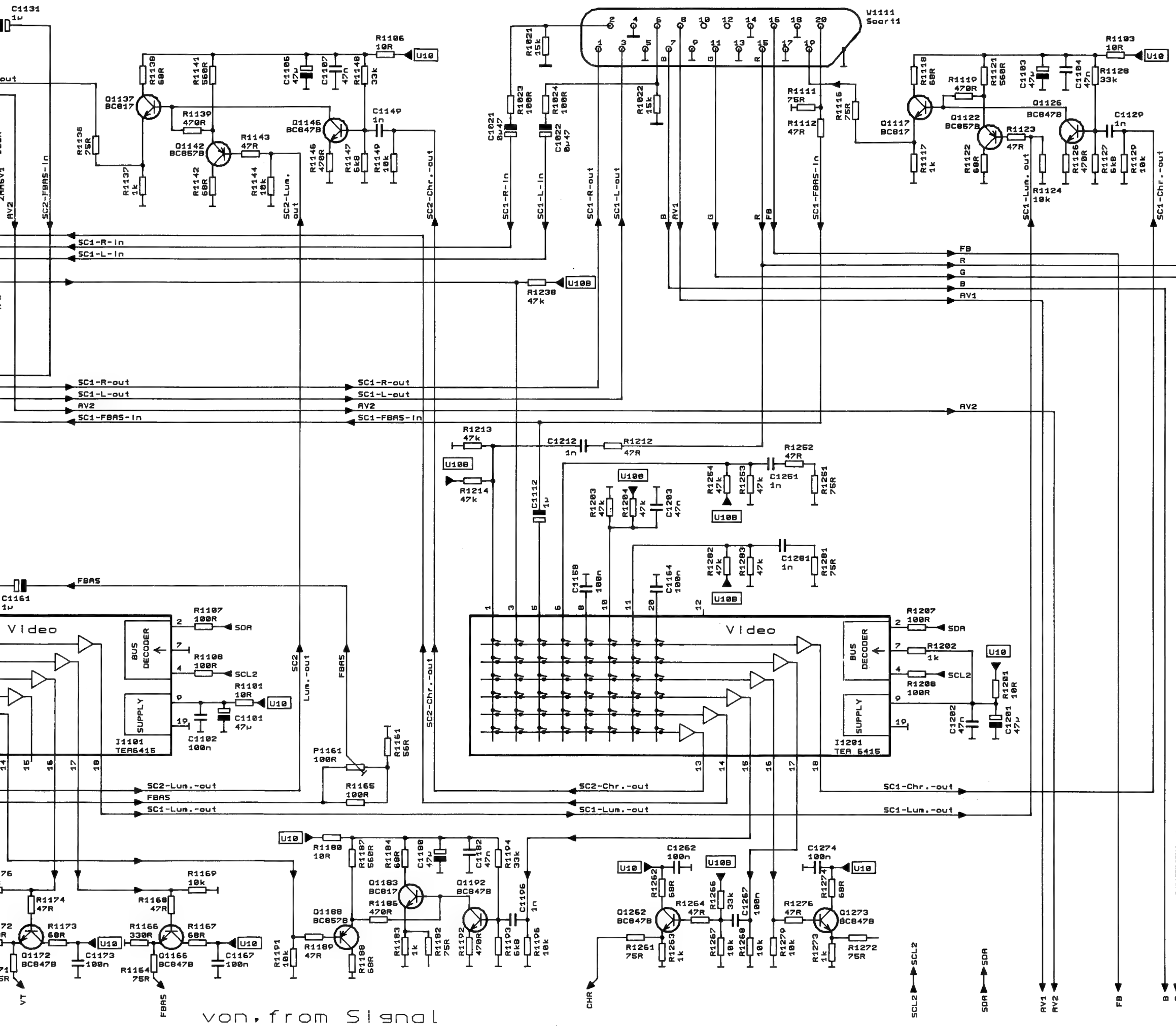
V1006 red  
out R

V1003  
on.to.su.a  
Basic-board  
V211

S-VHS

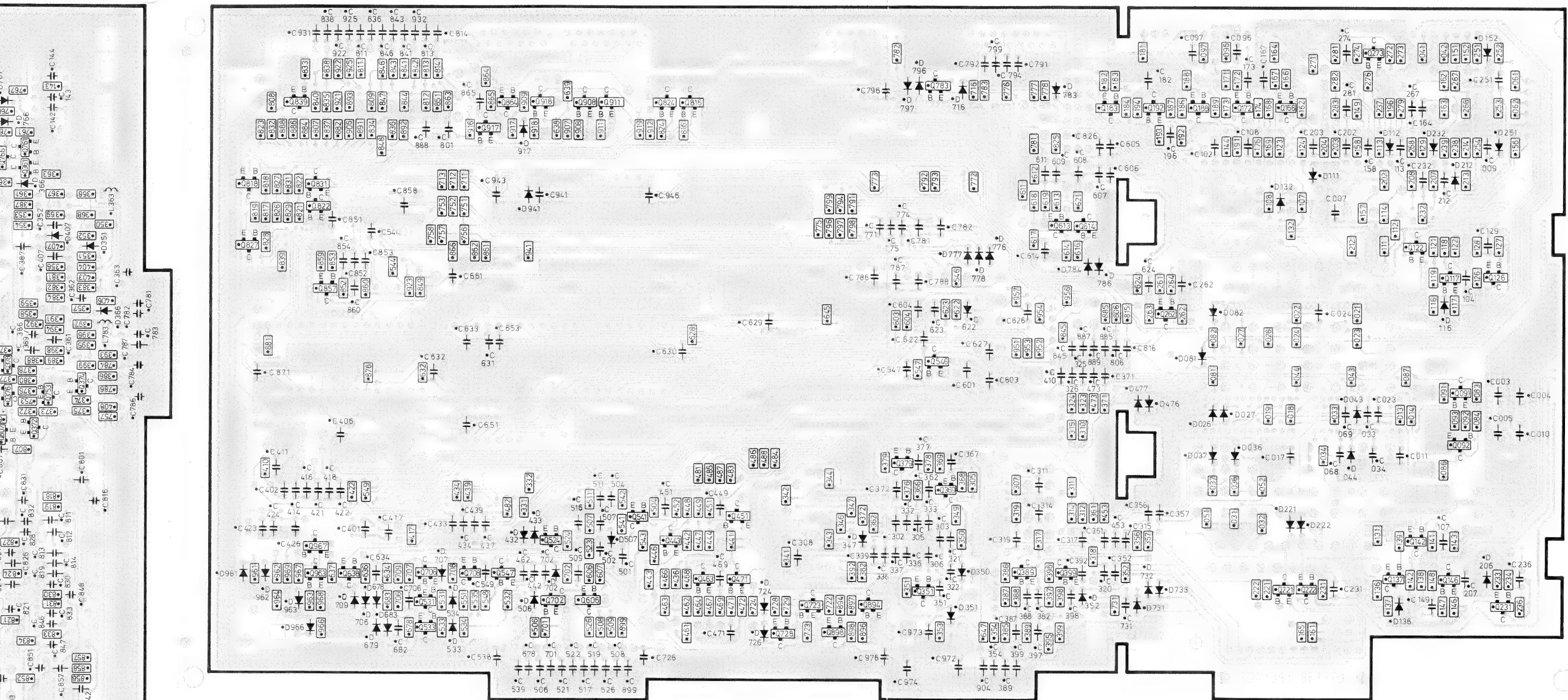
E2100  
Signal-board  
(S-VHS)

396-86137.052 U2101









Signal Board  
Solder side - Lötseite

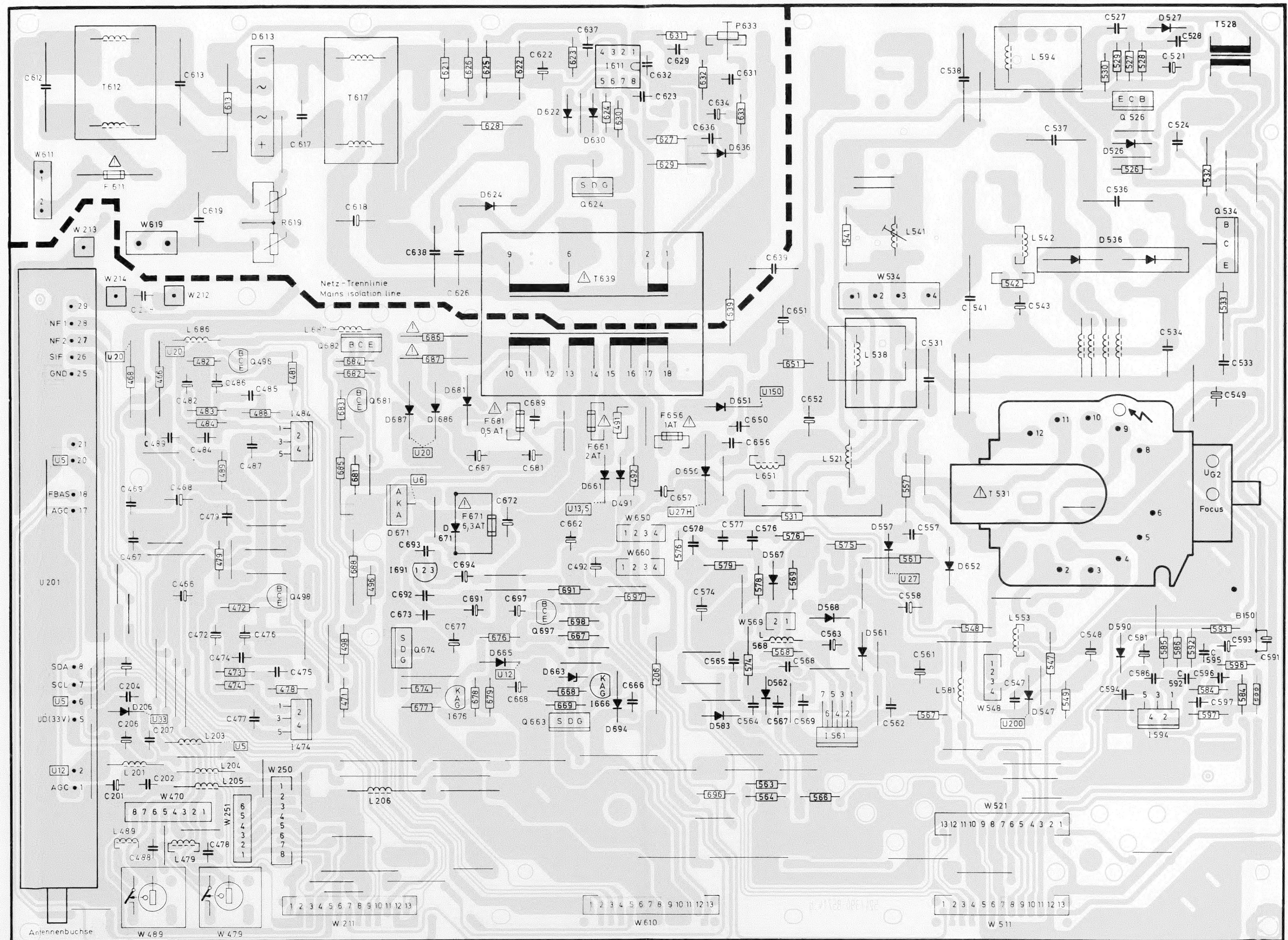












Chassis E 2100 / Basic Board  
Component side – Bestückungsseite



